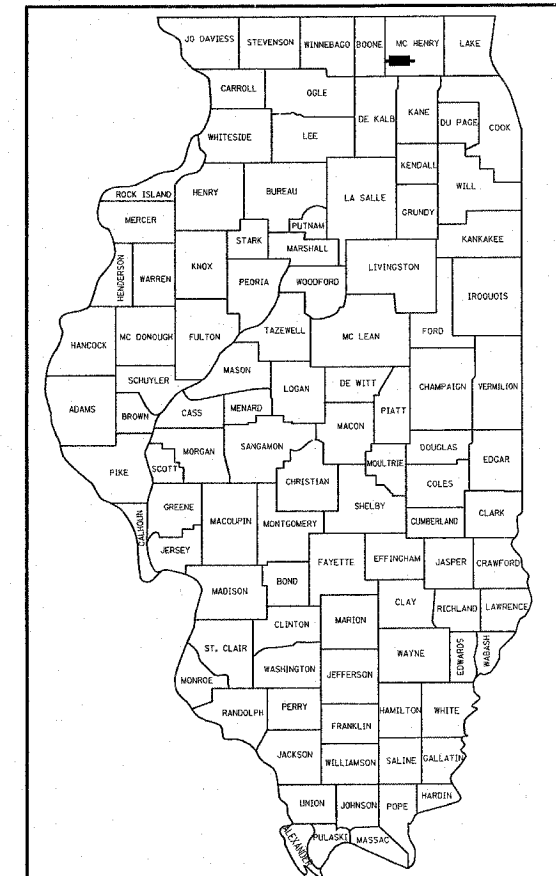


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	MCHENRY	82	1

CONTRACT# 62296

D-21-373-01



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

**F.A.P. ROUTE 324: ILL ROUTE 23  
AT RIVER ROAD  
SECTION: 24N-1  
INTERSECTION IMPROVEMENT  
PROJECT: HSIP-0324(016)  
MCHENRY COUNTY  
C-91-373-01**

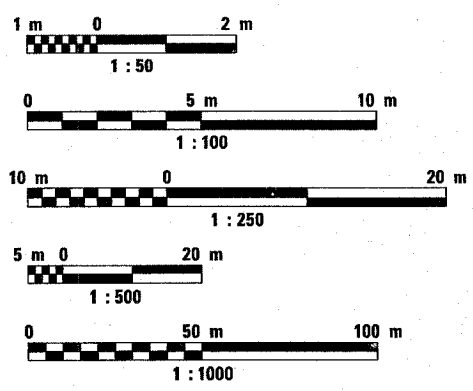
FOR INDEX OF SHEETS, SEE SHEET NO.

IMPROVEMENT LOCATED IN THE  
TOWNSHIP OF MARENGO

TRAFFIC DATA:  
2006 ADT - 2,000 / 5,000  
SPEED LIMIT - 45-55 MPH

METRIC PLANS

METRIC RATIOS

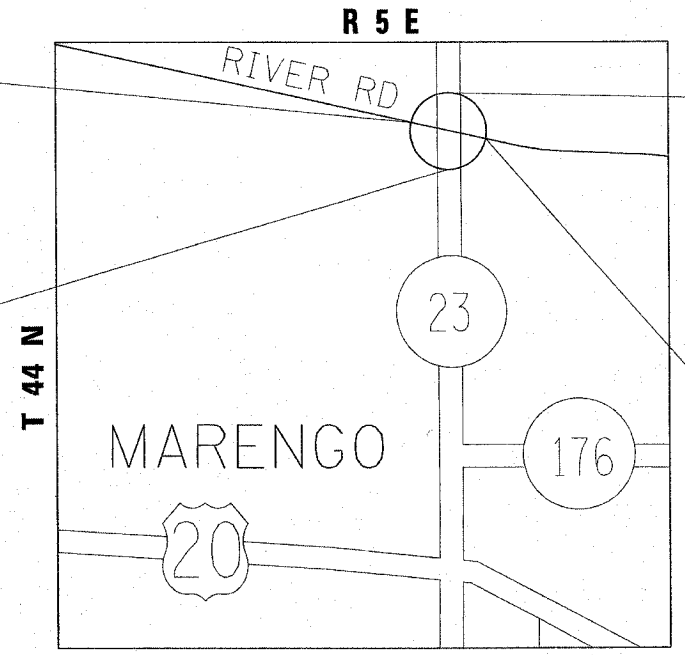


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD  
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT  
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS  
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123

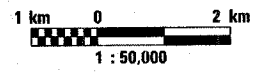
IMPROVEMENT BEGINS  
STA 4+635

IMPROVEMENT BEGINS  
STA 1+665



IMPROVEMENT ENDS  
STA 2+350

IMPROVEMENT ENDS  
STA 5+100



GROSS AND NET LENGTH OF IMPROVEMENT - 1.1 KM (0.7 MI)

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED FEBRUARY 14, 2008

Diana M. O'Keefe DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER  
May 9, 2008

Eric E. Naram ENGINEER OF DESIGN AND ENVIRONMENT  
May 9, 2008

Christine M. Reed DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

REGION 1 / DISTRICT 1 - PLAN PREPARATION ENGINEER: KEN ENG / SARAH SHIRANI (847) 705-4247

CONTRACT NO. 62296

INDEX OF SHEETS

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- 2 INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
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- 5-8 TYPICAL SECTIONS
- 9 SCHEDULE OF QUANTITIES
- 10 ALIGNMENT, TIES AND BENCHMARKS
- 11-22 SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
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- 28-29 EROSION CONTROL PLANS
- 30-36 EXISTING AND PROPOSED DRAINAGE AND UTILITY PLANS
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- 38-39 PAVEMENT MARKING PLANS
- 40-41 LANDSCAPING PLANS
- 42-45 RIGHT-OF-WAY SHEETS
- 46 FLASHER INSTALLATION
- 47-60 DISTRIC DETAILS
- 61-74 CROSS SECTIONS
- 75-82 CROSS SECTIONS FOR TEMPORARY PAVEMENT

GENERAL NOTES

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OR BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOUR NOTIFICATION REQUIRED).

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE TOWNSHIP OF MARENGO.

THE CONTRACTOR WILL NOT BE ABLE TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT THE WRITTEN PERMISSION FROM THE DEPARTMENT.

BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT). IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEETS INCLUDED IN THE PLANS UNLESS OTHERWISE SPECIFIED

WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1/2 INCHES (40 MM) WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH (80 KM/H) OR LESS, AND 1 INCH (25 MM) WHERE THE SPEED LIMIT IS 45 MPH (80 KM/H). WITH WRITTEN APPROVAL FROM THE RESIDENT ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM OF 1:3 (V:H).

PRIOR TO EMBANKMENT PLACEMENT, ALL VEGETATION, LOOSE MATERIAL, AND INSUITABLE MATERIAL SHOULD BE REMOVED TO DEPTH ENCOUNTERED AND REPLACEMENT WITH SUITABLE EMBANKMENT MATERIAL. ANY EMBANKMENT WIDENING ON EXISTING SLOPES SHOULD BE BENCHED IN ACCORDANCE WITH ARTICLE 205.04.

IT IS CONTRACTOR'S RESPONSIBILITY TO PROVIDE A FIELD LABORATORY FOR USE FOR ANY ON SITE TESTING BY THE ENVIRONMENTAL FIRM. NO TESTING OF ANY KIND, CONTAMINATED OR NON-CONTAMINATED FLUID OR SOLID SHALL BE PERMITTED IN THE ENGINEER'S FIELD OFFICE.

THE RESIDENT ENGINEER SHALL VERIFY THE LOCATIONS OF ALL EXISTING PAVEMENT MARKINGS PRIOR TO MILLING OR RESUFACING.

THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.

THE CONTRACTOR SHALL MAKE USE OF FIXED OR PORTABLE DYNAMIC MASSAGE SIGNS TO PROVIDE 72 HOURS ADVANCE NOTICE TO MOTORISTS FOR NEW OR CHANGING LANE.

THE RESIDENT ENGINEER SHALL CONTACT DEBBIE HANLON, AREA TRAFFIC FIELD ENGINEER, AT (847) 438-2300 TWO WEEKS PRIOR TO INSTALLATION OF FINAL PAVEMENT MARKINGS.

ALL THE EXISTING LED FLASHER AND EQUIPMENT ARE IN GOOD WORKING CONDITION. AFTER COMPLETION OF THE ROADWORK IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REINSTALL ALL FLASHERS AS PER PLAN. ANY BROKEN OR DAMAGED FLASHER EQUIPMENT WILL BE REPLACED BY THE THE CONTRACTOR. PRIOR TO MOVING ANY OF THE FLASHERS FOR TEMP. OR PERM. USE CONTACT THE BUREAU OF TRAFFIC AREA ENGINEER 48 HRS IN ADVANCE AT (847) 705-4425.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	MCHENRY	82	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

STATE STANDARDS

- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 280001-04 TEMPORARY EROSION CONTROL SYSTEM
- 406201-01 MAILBOX TURNOUT
- 442201-03 CLASS C AND D PATCHES
- 482011-03 HMA SHOULDER STRIPS/ SHOULDER WITH RESURFACING OR WIDENING & RESURFACING PROJECTS
- 542301-01 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 601101 CONCRETE HEADWALL FOR PIPE DRAIN
- 602001 CATCH BASIN, TYPE A
- 602401 MANHOLE, TYPE A
- 604001-01 FRAME AND LIDS, TYPE 1
- 604036-01 GRATE, TYPE 8
- 604086-01 FRAME AND GRATE, TYPE 23
- 606001-03 CONCRETE CURB TYPE B, AND COMBINATION CONCRETE CURB AND GUTTER
- 630001-07 STEEL PLATE BEAM GUARDRAIL
- 701201-02 LANE CLOSURE, 2L, 2W, DAY ONLY, ON-ROAD TO 600 MM (24") OFF-ROAD, FOR SPEED ≥ 45 MPH
- 701306-01 LANE CLOSURE, 2L, 2W, SLOW MOVING DAY ONLY OPERATIONS, FOR SPEED ≥ 45 MPH
- 701326-02 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
- 701331-02 LANE CLOSURE, 2L, 2W WITH RUN-AROUND FOR SPEEDS ≥ 45 MPH
- 701501-04 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701701-05 URBAN LANE CLOSURE, MULTILANE, INTERSECTION
- 701901 TRAFFIC CONTROL DEVICES
- 704001-04 TEMPORARY CONCRETE BARRIER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 IL-23 AT RIVER RD.  
 INDEX OF SHEETS, GENERAL NOTES,  
 & STATE STANDARDS  
 DRAWN BY  
 CHECKED BY  
 DATE

F.A.P. RTE. 324	SECTION 24N-1	COUNTY McHENRY	TOTAL SHEETS 82	SHEET NO. 3
FED. ROAD DIST. NO. 1		ILLINOIS	HIGHWAY PROJECT	
CONTRACT# 62296				

SUMMARY OF QUANTITIES			URBAN 90% FED. 10% STATE TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		ROADWAY 1000-2A				
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	34	34				
20101200	TREE ROOT PRUNING	EACH	18	18				
28000300	TEMPORARY DITCH CHECKS	EACH	30	30				
28000510	INLET FILTERS	EACH	35	35				
50104400	CONCRETE HEADWALL REMOVAL	EACH	2	2				
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	12	12				
60603300	GUTTER OUTLET	EACH	3	3				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6				
67100100	MOBILIZATION	L SUM	1	1				
70101800	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	1				
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	125	125				
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	47	47				
* 89501510	RELOCATE EXISTING FLASHING BEACON	EACH	1	1				
* A2005020	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	7	7				
M2011000	TEMPORARY FENCE	METER	200	200				
* M2011700	SUPPLEMENTAL WATERING	UNIT	96	96				
M2020010	EARTH EXCAVATION	CU M	7857	7857				
M2020050	EARTH EXCAVATION (WIDENING)	CU M	2603	2603				
M2021200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU M	3472	3472				
<del>M2040800</del>	<del>FURNISHED EXCAVATION</del>	<del>CU M</del>	<del>7302</del>	<del>7302</del>				
M2080150	TRENCH BACKFILL	CU M	318	318				
* M2113100	TOPSOIL FURNISH AND PLACE, 100MM	SQ M	13450	13450				
* M2500210	SEEDING, CLASS 2A	HA	0.38	0.38				
* M2500400	NITROGEN FERTILIZER NUTRIENT	KG	95	95				
* M2500500	PHOSPHORUS FERTILIZER NUTRIENT	KG	95	95				
* M2500600	POTASSIUM FERTILIZER NUTRIENT	KG	95	95				
* M2510630	EROSION CONTROL BLANKET	SQ M	3787	3787				
* M2520110	SODDING, SALT TOLERANT	SQ M	9660	9660				

SUMMARY OF QUANTITIES			URBAN 90% FED. 10% STATE TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		ROADWAY 1000-2A				
M2800400	PERIMETER EROSION BARRIER	METER	2240	2240				
M2810105	STONE RIPRAP, CLASS A3	SQ M	24	24				
M2820200	FILTER FABRIC	SQ M	24	24				
M3550450	HOT-MIX ASPHALT BASE COURSE, 150MM	SQ M	285	285				
M3550500	HOT-MIX ASPHALT BASE COURSE, 200MM	SQ M	290	290				
M3560570	HOT-MIX ASPHALT BASE COURSE WIDENING, 270MM	SQ M	660	660				
M4060200	BITUMINOUS MATERIALS (PRIME COAT)	M TON	6	6				
M4060300	AGGREGATE (PRIME COAT)	M TON	29	29				
M4060400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	M TON	5	5				
M4060895	CONSTRUCTING TEST STRIP	EACH	2	2				
M4060982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ M	41	41				
M4063080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	M TON	3750	3750				
M4063310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	M TON	75	75				
M4063395	HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	M TON	2008	2008				
M4205200	PROTECTIVE COAT	SQ M	320	320				
M4400720	HOT-MIX ASPHALT SURFACE REMOVAL, 20MM	SQ M	4450	4450				
M4402000	PAVEMENT REMOVAL	SQ M	3939	3939				
M4402010	DRIVEWAY PAVEMENT REMOVAL	SQ M	480	480				
M4430020	STRIP REFLECTIVE CRACK CONTROL TREATMENT	METER	1250	1250				
M4812200	AGGREGATE SHOULDERS, TYPE B 200MM	SQ M	815	815				
M4820620	HOT-MIX ASPHALT SHOULDERS, 220MM	SQ M	1100	1100				
M4820720	HOT-MIX ASPHALT SHOULDERS, 320MM	SQ M	1922	1922				
M5429910	CONCRETE COLLAR	CU M	0.2	0.2				
M542E116	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 375MM	EACH	7	7				
M542E120	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 450MM	EACH	13	13				
M542E628	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 600MM	EACH	2	2				

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SUMMARY OF QUANTITIES

\* SPECIALTY ITEMS

Rev.

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES 90% FED. / 10% STATE	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		ROADWAY 1000-2A				
M542H025	PIPE CULVERTS, CLASS A, TYPE 1 375MM	METER	28	28				
M542H030	PIPE CULVERTS, CLASS A, TYPE 1 450MM	METER	59	59				
M542T020	PIPE CULVERTS, CLASS A, TYPE 1 375MM (TEMPORARY)	METER	40	40				
M5505530	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 300MM	METER	76	76				
M5505540	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 375MM	METER	35	35				
M5505550	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 450MM	METER	4	4				
M5505930	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 300MM	METER	236	236				
M5505940	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 375MM	METER	166	166				
M5505950	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 450MM	METER	26	26				
M6010605	PIPE UNDERDRAINS 100MM	METER	285	285				
M6020140	CATCH BASINS, TYPE A, 1.2M DIAMETER, TYPE 8 GRATE	EACH	2	2				
M6020180	CATCH BASINS, TYPE A, 1.2M DIAMETER, TYPE 23 FRAME AND GRATE	EACH	10	10				
M6021410	MANHOLES, TYPE A, 1.2M DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	12	12				
M6060070	CONCRETE CURB, TYPE B	METER	5	5				
M6061930	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-10.30	METER	670	670				
*M6300100	STEEL PLATE BEAM GUARD RAIL, TYPE A	METER	135	135				
M6320020	STEEL PLATE BEAM GUARD RAIL REMOVAL	METER	135	135				
M6650100	WOVEN WIRE FENCE, 1.2 METER	METER	95	95				
M6650420	WOVEN WIRE FENCE REMOVAL	METER	95	95				
M7030100	SHORT-TERM PAVEMENT MARKING	METER	440	440				
M7030210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ M	21	21				
M7030220	TEMPORARY PAVEMENT MARKING - LINE 100MM	METER	6000	6000				
M7030240	TEMPORARY PAVEMENT MARKING - LINE 150MM	METER	265	265				
M7030260	TEMPORARY PAVEMENT MARKING - LINE 300MM	METER	130	130				
M7030280	TEMPORARY PAVEMENT MARKING - LINE 600MM	METER	44	44				

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES 90% FED. / 10% STATE	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		ROADWAY 1000-2A				
M7030520	PAVEMENT MARKING TAPE, TYPE III 100MM	METER	1700	1700				
M7031000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ M	44	44				
M7040100	TEMPORARY CONCRETE BARRIER	METER	145	145				
*M7800100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ M	21	21				
*M7800105	THERMOPLASTIC PAVEMENT MARKING - LINE 100MM	METER	6000	6000				
*M7800115	THERMOPLASTIC PAVEMENT MARKING - LINE 150MM	METER	265	265				
*M7800125	THERMOPLASTIC PAVEMENT MARKING - LINE 300MM	METER	130	130				
*M7800140	THERMOPLASTIC PAVEMENT MARKING - LINE 600MM	METER	44	44				
M7830100	PAVEMENT MARKING REMOVAL	SQ M	70	70				
MX030199	TEMPORARY PAVEMENT	SQ M	3445	3445				
MX030217	PIPE CULVERT REMOVAL 375MM	METER	68	68				
MX030218	PIPE CULVERT REMOVAL 450MM	METER	57	57				
M5424820	PIPE CULVERTS, PIPE 2, REINFORCED CONCRETE ELLIPTICAL EQUIVALENT ROUNDS - SIZE 600 MM	METER	7.2	7.2				
MX032178	TEMPORARY INFORMATION SIGNING	SQ M	9.2	9.2				
M5421055	PIPE CULVERTS, CLASS A, TYPE 2 400 MM	METER	25	25				
MX032842	BOX CULVERT REMOVAL	METER	10	10				
MX033447	PIPE CULVERT REMOVAL, 600MM	METER	0.6	0.6				
MX207010	POROUS GRANULAR EMBANKMENT, SUBGRADE 300MM	SQ M	1010	1010				
MZ001050	AGGREGATE SUBGRADE 300MM	SQ M	7142	7142				
X0504200	CONCRETE HEADWALL	EACH	2	2				
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	9	9				
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	4	4				
XX005569	MAILBOX REMOVAL AND REINSTALLATION	EACH	6	6				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1				
Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2	2				
Z0077800	WOOD POST	EACH	2	2				
*X0325936	SOLAR-POWERED FLASHER/POST MOUNTED (YELLOW LED DISPLAY)	EACH	2	2				
M3560465	HOT-MIX ASPHALT BASE COURSE WIDENING, 165 MM	SQ M	672	672				
@Z0076600	TRAINERS	HOURL	500	500				

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	SUMMARY OF QUANTITIES	

© 1980  
\* SPECIALTY ITEMS

2/13/2008

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	McHENRY	82	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

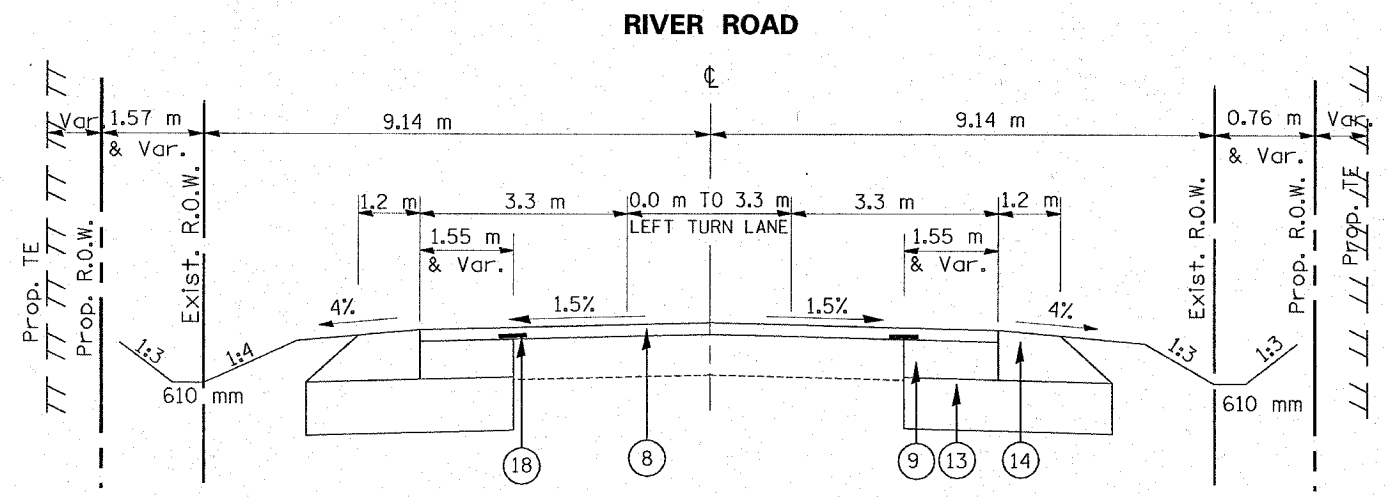
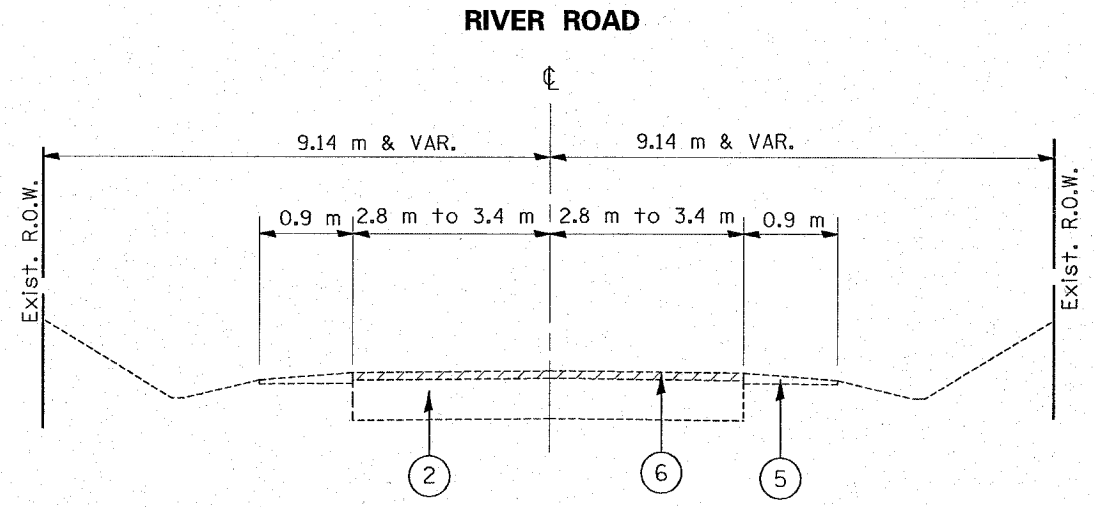
**LEGEND**

- ① EXISTING HMA SURFACE 146 MM - 197 MM (5.75" - 7.75")
- ② EXISTING HMA SURFACE 108 MM - 171 MM (4.25" - 6.75")
- ③ EXISTING P.C.C. PAVEMENT 159 MM (6.25")
- ④ EXISTING BASE COURSE WIDENING 229 MM (9")
- ⑤ EXISTING AGGREGATE SHOULDERS
- ⑥ PROPOSED HMA SURFACE REMOVAL, 20 MM (3/4")
- ⑦ PROPOSED PAVEMENT REMOVAL
- ⑧ PROPOSED HMA SURFACE COURSE, MIX "F", N90, 50 MM (2")
- ⑨ PROPOSED HMA BASE COURSE WIDENING, 165 MM (6 1/2")
- ⑩ PROPOSED HMA BASE COURSE WIDENING, 270 MM (10 1/2")
- ⑪ PROPOSED HMA BINDER COURSE, IL-19, N50, 165 MM (6 1/2")
- ⑫ PROPOSED HMA BINDER COURSE, IL-19, N50, 270 MM (10 1/2")
- ⑬ PROPOSED AGGREGATE SUBGRADE, 300 MM (12")
- ⑭ PROPOSED HMA SHOULDERS, 220 MM (8 1/2")
- ⑮ PROPOSED HMA SHOULDERS, 320 MM (12 1/2")
- ⑯ PROPOSED AGGREGATE SHOULDERS, TYPE B, 200 MM (8")
- ⑰ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE M-10.30 (M-4.12)
- ⑱ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT

**HMA MIXTURE REQUIREMENTS**

MIXTURE USE	AC TYPE	AIR VOIDS (%)
<b>PAVEMENT WIDENING &amp; RESURFACING</b>		
HMA SURFACE COURSE, MIX "F", N90, 50 MM (IL-9.5 MM)	SBS/SBR PG 70-22	4% @ 90 GYR.
HMA BASE COURSE WIDENING, 165 MM & 270 MM	PG 64-22 *	4% @ 50 GYR.
<b>PAVEMENT RECONSTRUCTION</b>		
HMA SURFACE COURSE, MIX "F", N90, 50 MM (IL-9.5 MM)	SBS/SBR PG 70-22	4% @ 90 GYR.
HMA BINDER COURSE, IL-19, N50, 165 MM & 270 MM	PG 64-22 *	4% @ 50 GYR.
<b>TEMPORARY PAVEMENT</b>		
HMA SURFACE COURSE, MIX "F", N90, 50 MM (IL-9.5 MM)	SBS/SBR PG 70-22	4% @ 90 GYR.
TEMPORARY PAVEMENT (HMA BINDER IL-19), 200 MM	PG 64-22 *	4% @ 50 GYR.
<b>DRIVEWAYS</b>		
HMA SURFACE COURSE, MIX "C", N50, 50 MM (IL-9.5 MM) COMMERCIAL	PG 64-22	4% @ 50 GYR.
HMA BASE COURSE, 150 & 200 MM (HMA BINDER IL-19 MM) RESIDENTIAL	PG 64-22 *	4% @ 50 GYR.
<b>SHOULDER</b>		
HMA SHOULDER, 220 MM & 320 MM	PG 64-22 *	2% @ 30 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURES IS 112 LBS/SY.IN  
 \* WHEN RAP EXCEEDS 20% THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**IL-23 AT RIVER RD.**  
**TYPICAL SECTIONS**

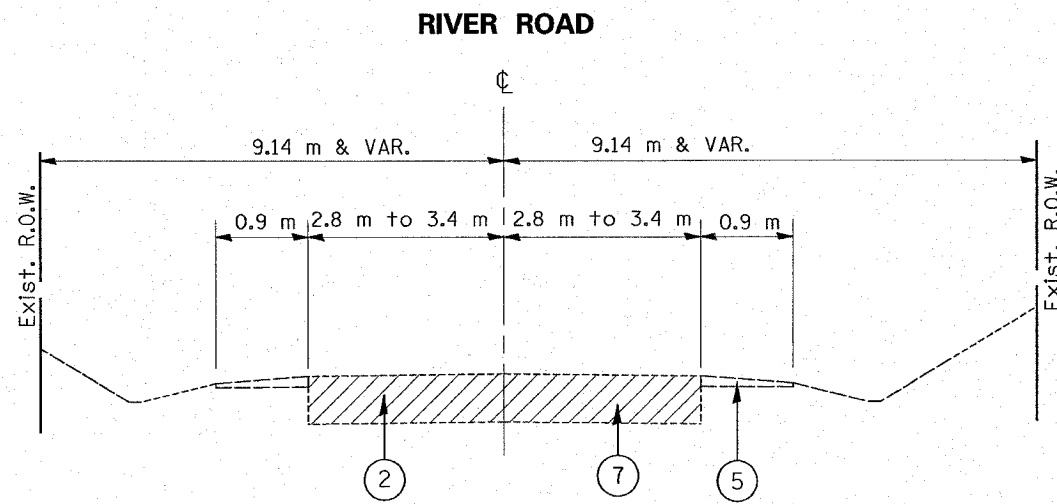
SCALE: NONE  
 DATE 2/13/2008

DRAWN BY  
 CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	McHENRY	82	6
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

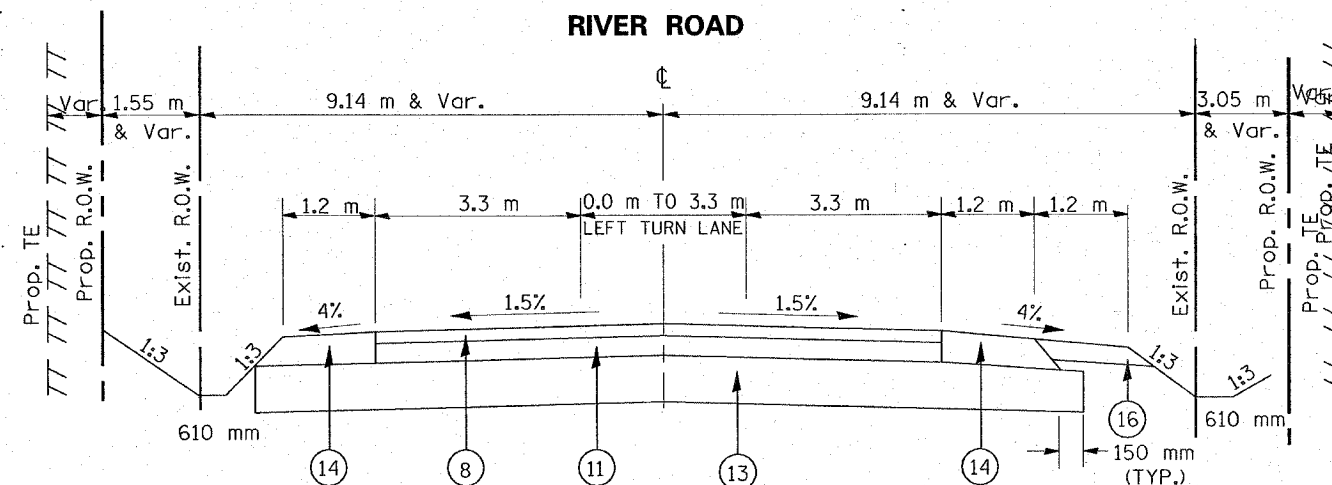
### LEGEND

- ① EXISTING HMA SURFACE 146 MM - 197 MM (5.75" - 7.75")
- ② EXISTING HMA SURFACE 108 MM - 171 MM (4.25" - 6.75")
- ③ EXISTING P.C.C. PAVEMENT 159 MM (6.25")
- ④ EXISTING BASE COURSE WIDENING 229 MM (9")
- ⑤ EXISTING AGGREGATE SHOULDERS
- ⑥ PROPOSED HMA SURFACE REMOVAL, 20 MM (3/4")
- ⑦ PROPOSED PAVEMENT REMOVAL
- ⑧ PROPOSED HMA SURFACE COURSE, MIX "F", N90, 50 MM (2")
- ⑨ PROPOSED HMA BASE COURSE WIDENING, 165 MM (6 1/2")
- ⑩ PROPOSED HMA BASE COURSE WIDENING, 270 MM (10 1/2")
- ⑪ PROPOSED HMA BINDER COURSE, IL-19, N50, 165 MM (6 1/2")
- ⑫ PROPOSED HMA BINDER COURSE, IL-19, N50, 270 MM (10 1/2")
- ⑬ PROPOSED AGGREGATE SUBGRADE, 300 MM (12")
- ⑭ PROPOSED HMA SHOULDERS, 220 MM (8 1/2")
- ⑮ PROPOSED HMA SHOULDERS, 320 MM (12 1/2")
- ⑯ PROPOSED AGGREGATE SHOULDERS, TYPE B, 200 MM (8")
- ⑰ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE M-10.30 (M-4.12)
- ⑱ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT



### EXISTING TYPICAL SECTION

Sta. 4+775 to Sta 4+925



### PROPOSED TYPICAL SECTION

Sta. 4+775 to Sta 4+925

### PIPE UNDERDRAIN NOTES:

LONGITUDINAL UNDERDRAIN MUST BE PLACED ALONG THE OUTSIDE EDGES (BOTH SIDES) OF THE PROPOSED WIDENINGS AT APPROXIMATELY THE FOLLOWING LOCATIONS:

ILL RTE 23: STATION 1+750 TO 1+775  
 RIVER ROAD: STATION 4+700 TO 4+725  
 STATION 4+950 TO 4+975

PIPE UNDERDRAINS MUST BE PLACED IN THE RECONSTRUCTION AREAS ON ILL RTE 23 AND RIVER RD AT APPROXIMATELY THE FOLLOWING LOCATIONS AS WELL AS AT THE LOW POINTS OF ANY UNDERCUTS DETERMINED IN THE FIELD.

ILL RTE 23: STATION 1+976 TO 2+089  
 STATION 2+183 TO 2+275

RIVER ROAD: STATION 4+776 TO 4+924

ALL PIPE UNDERDRAINS SHOULD BE PLACED AT THE DEPTH OF APPROXIMATELY 762 MM (30 IN) BELOW THE PROPOSED PAVEMENT GRADE. THE DRAINS SHOULD BE INSTALLED IN ACCORDANCE WITH CHECK SHEET 19 OF THE RECURRING SPECIAL PROVISIONS ADOPTED JANUARY 1, 2008.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<b>IL-23 AT RIVER RD.            TYPICAL SECTIONS</b>

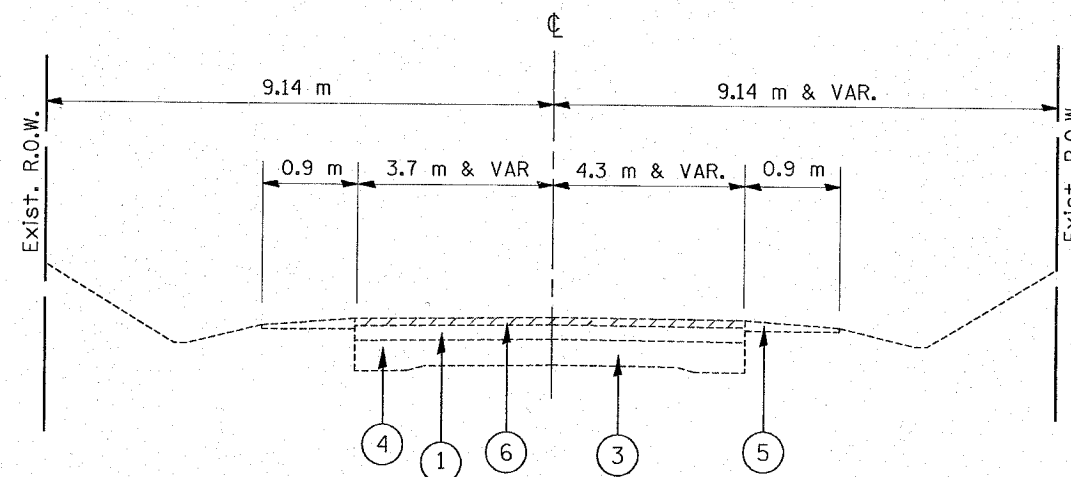
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 DATE 2/13/2008  
 DRAWN BY  
 CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	McHENRY	82	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

**LEGEND**

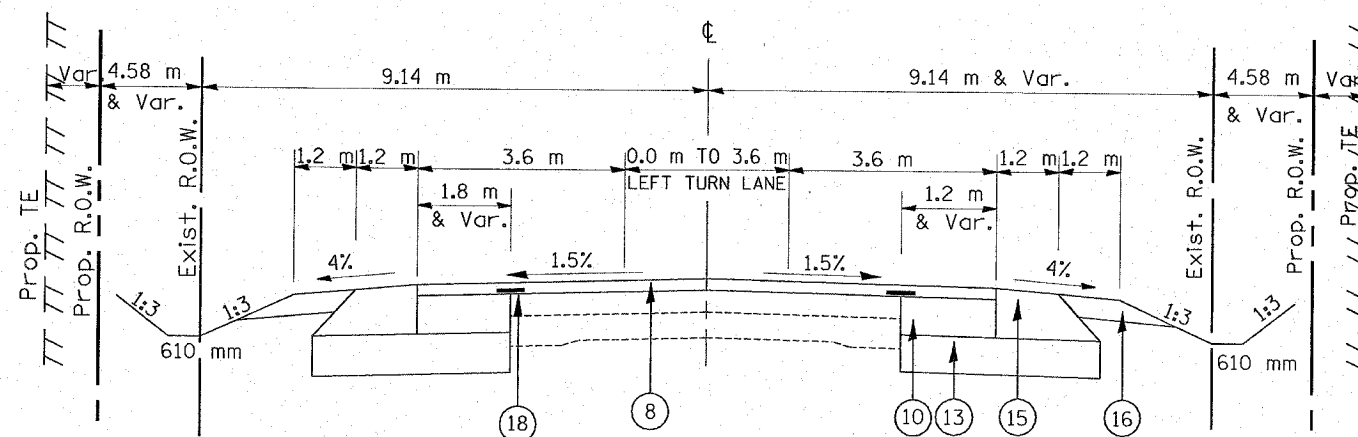
- ① EXISTING HMA SURFACE 146 MM - 197 MM (5.75" - 7.75")
- ② EXISTING HMA SURFACE 108 MM - 171 MM (4.25" - 6.75")
- ③ EXISTING P.C.C. PAVEMENT 159 MM (6.25")
- ④ EXISTING BASE COURSE WIDENING 229 MM (9")
- ⑤ EXISTING AGGREGATE SHOULDERS
- ⑥ PROPOSED HMA SURFACE REMOVAL, 20 MM (3/4")
- ⑦ PROPOSED PAVEMENT REMOVAL
- ⑧ PROPOSED HMA SURFACE COURSE, MIX "F", N90, 50 MM (2")
- ⑨ PROPOSED HMA BASE COURSE WIDENING, 165 MM (6 1/2")
- ⑩ PROPOSED HMA BASE COURSE WIDENING, 270 MM (10 1/2")
- ⑪ PROPOSED HMA BINDER COURSE, IL-19, N50, 165 MM (6 1/2")
- ⑫ PROPOSED HMA BINDER COURSE, IL-19, N50, 270 MM (10 1/2")
- ⑬ PROPOSED AGGREGATE SUBGRADE, 300 MM (12")
- ⑭ PROPOSED HMA SHOULDERS, 220 MM (8 1/2")
- ⑮ PROPOSED HMA SHOULDERS, 320 MM (12 1/2")
- ⑯ PROPOSED AGGREGATE SHOULDERS, TYPE B, 200 MM (8")
- ⑰ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE M-10.30 (M-4.12)
- ⑱ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT

**ILLINOIS ROUTE 23**



**EXISTING TYPICAL SECTION**  
Sta. 1+665 to Sta 1+975.5

**ILLINOIS ROUTE 23**



**PROPOSED TYPICAL SECTION**  
Sta. 1+665 to Sta 1+975.5

**SUBGRADE TREATMENT PLAN NOTES:**

THE AGGREGATE SUBGRADE, 300 MM (12 IN.) WILL BE SUFFICIENT FOR A STABLE SUBGRADE FOR THE PROJECT RECONSTRUCTION AND WIDENING AREAS WITH THE FOLLOWING EXCEPTION WHERE WE ANTICIPATE THAT AN UNDERCUT, REPLACED WITH POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES)

LOCATION	ESTIMATED THICKNESS OF PGES	TREATMENT WIDTH	CONCERN
IL RTE 23 STA 2+195 TO STA 2+300	300 MM (12 IN)	ENTIRE PAVEMENT WIDTH	SANDY/CLAY LOAM WITH W-23 (RB-3)

THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES PLACEMENT SHOULD BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY A QUALIFIED SOILS INSPECTOR.

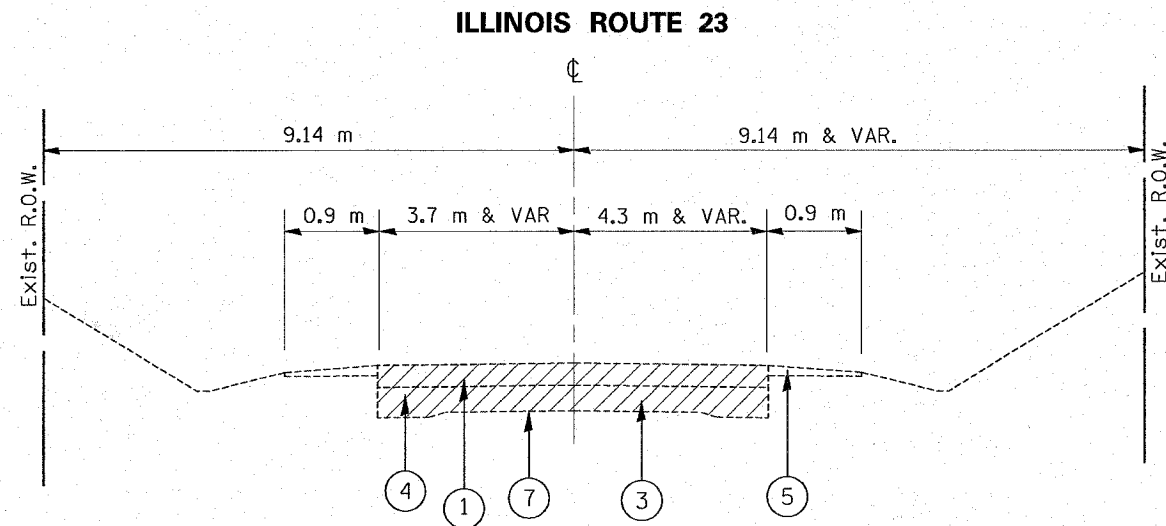
ALL POTENTIALLY UNSTABLE SOIL SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.03 OF THE STANDARD SPECIFICATIONS AND THE UNDERCUT GUIDLINES IN THE IDOT SUBGRADE STABILITY MANUAL (SSM)

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<p align="center"><b>IL-23 AT RIVER RD.</b> <b>TYPICAL SECTIONS</b></p> <p>SCALE: NONE                      DRAWN BY</p> <p>DATE 2/13/2008                      CHECKED BY</p>

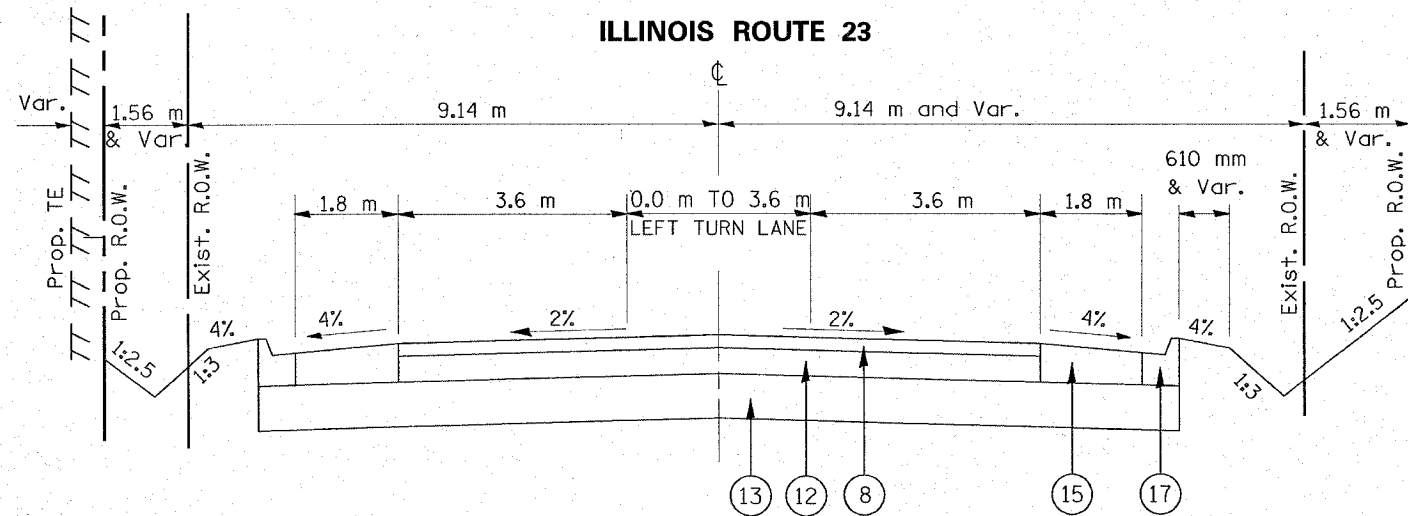
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	McHENRY	82	8
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

**LEGEND**

- ① EXISTING HMA SURFACE 146 MM - 197 MM (5.75" - 7.75")
- ② EXISTING HMA SURFACE 108 MM - 171 MM (4.25" - 6.75")
- ③ EXISTING P.C.C. PAVEMENT 159 MM (6.25")
- ④ EXISTING BASE COURSE WIDENING 229 MM (9")
- ⑤ EXISTING AGGREGATE SHOULDERS
- ⑥ PROPOSED HMA SURFACE REMOVAL, 20 MM (3/4")
- ⑦ PROPOSED PAVEMENT REMOVAL
- ⑧ PROPOSED HMA SURFACE COURSE, MIX "F", N90, 50 MM (2")
- ⑨ PROPOSED HMA BASE COURSE WIDENING, 165 MM (6 1/2")
- ⑩ PROPOSED HMA BASE COURSE WIDENING, 270 MM (10 1/2")
- ⑪ PROPOSED HMA BINDER COURSE, IL-19, N50, 165 MM (6 1/2")
- ⑫ PROPOSED HMA BINDER COURSE, IL-19, N50, 270 MM (10 1/2")
- ⑬ PROPOSED AGGREGATE SUBGRADE, 300 MM (12")
- ⑭ PROPOSED HMA SHOULDERS, 220 MM (8 1/2")
- ⑮ PROPOSED HMA SHOULDERS, 320 MM (12 1/2")
- ⑯ PROPOSED AGGREGATE SHOULDERS, TYPE B, 200 MM (8")
- ⑰ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE M-10.30 (M-4.12)
- ⑱ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT



**EXISTING TYPICAL SECTION**  
Sta. 1+975.5 to Sta 2+350



**PROPOSED TYPICAL SECTION**  
Sta. 1+975.5 to Sta 2+350

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<b>IL-23 AT RIVER RD.</b> <b>TYPICAL SECTIONS</b>
		SCALE: NONE
		DATE 2/13/2008
		DRAWN BY
		CHECKED BY



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	McHENRY	82	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

TREE REMOVAL SCHEDULE IL ROUTE 23			
STATION	OFFSET (M)	UNDER 6 UNITS	6 TO 15 UNITS
1+752.42	10.56 LT	0	
1+782.82	10.41 LT	0	
1+817.18	9.47 LT	0	
1+935.29	11.14 LT	0	
1+947.77	10.61 LT	0	
1+958.88	11.12 LT	0	
2+247.82	12.24 LT	0	
2+096.20	9.76 RT	0	
2+099.05	11.38 RT	0	
2+116.21	11.66 RT	0	
2+116.40	10.14 RT	0	
2+134.19	11.20 RT	0	
2+135.14	11.57 RT	0	
2+186.61	9.29 RT	0	
2+188.12	9.53 RT	0	
2+189.59	9.12 RT	0	
2+204.49	9.09 RT	0	
2+204.90	8.77 RT	0	
2+210.73	9.13 RT		13 IN/3.3 DM
2+210.73	9.19 RT		13 IN/3.3 DM

TREE REMOVAL SCHEDULE RIVER ROAD			
STATION	OFFSET (M)	UNDER 6 UNITS	6 TO 15 UNITS
4+763.85	10.31 LT		8 IN/2 DM
4+774.43	9.86 LT	0	
4+774.78	9.26 LT	0	
4+775.08	9.50 LT	0	
4+776.09	9.04 LT	0	
4+777.73	9.55 LT	0	
4+777.96	10.39 LT	0	

EARTHWORK (WIDENING)					
1	2	3	4	5	6
IL ROUTE 23 @ RIVER ROAD	EARTH EXCAVATION (CU M)	UNSUITABLE MATERIALS (CU M)	EMBANKMENT (CU M)	ADJUSTMENT FOR SHRINKAGE (CU M)	FURNISHED EXCAVATION (CU M)
IL RTE. 23 (STA. 1+650 TO STA. 1+975)	1756	1019	87	1493	1406
RIVER ROAD (STA. 4+650 TO STA. 4+775)	360	255	87	306	219
RIVER ROAD (STA. 4+925 TO STA. 5+100)	487	397	126	414	288
TOTAL	2603	1671	300	2213	1913

EARTHWORK (RECONSTRUCTION)					
1	2	3	4	5	6
IL ROUTE 23 @ RIVER ROAD	EARTH EXCAVATION (CU M)	UNSUITABLE MATERIALS (CU M)	EMBANKMENT (CU M)	ADJUSTMENT FOR SHRINKAGE (CU M)	FURNISHED EXCAVATION (CU M)
IL RTE. 23 (STA. 1+975 TO STA. 2+350)	7018	1539	730	5965	5235
RIVER ROAD (STA. 4+775 TO STA. 4+925)	839	262	559	713	154
TOTAL	7857	1801	1289	6678	5389

COLUMN 1: LOCATION FROM PLANS  
 COLUMN 2: CUT QUANTITIES FROM CROSS SECTIONS, WHICH DOES NOT INCLUDE UNSUITABLE MATERIALS  
 COLUMN 3: CUT MATERIALS THAT IS DETERMINED TO BE EITHER UNSUITABLE OR UNSUITABLE FOR USE IN EMBANKMENT (TOP SOIL EXCAVATION AT 300 MM (12") AVERAGE DEPTH)  
 COLUMN 4: QUANTITIES FROM CROSS SECTIONS (FILL)  
 COLUMN 5: EXCAVATION THAT IS TO BE USED AS FILL MATERIAL IN THE EMBANKMENT, SHRINKAGE FACTOR WAS DETERMINED TO BE 15%  
 COLUMN 6: COLUMN 5 - COLUMN 4, POSITIVE QUANTITY = EXTRA EXCAVATION, NEGATIVE QUANTITY = FURNISHED EXCAVATION NEEDED

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<b>IL-23 AT RIVER RD. SCHEDULE OF QUANTITIES</b>  SCALE: NONE DATE 2/13/2008
DRAWN BY		CHECKED BY



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	MCHENRY	82	11
STA. 2+150		TO STA. 2+350		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

**GENERAL NOTES FOR STAGING:**

1. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST EDITION OF THE STATE OF ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS & HIGHWAYS, AND SHALL BE IN PLACE BEFORE ANY WORK IS STARTED.
2. ALL TEMPORARY PAVEMENT MARKING & REMOVAL WILL BE PAID FOR SEPARATELY ACCORDING TO THE APPLICABLE PAY ITEMS SHOWN IN THE SUMMARY OF QUANTITIES.
3. REMOVE EXISTING PAVEMENT MARKINGS IF IN CONFLICT WITH THE TEMPORARY PAVEMENT MARKINGS FOR TRAFFIC CONTROL AND PROTECTION PLANS AND SHALL BE PAID FOR AS PAVEMENT MARKING REMOVAL. SQUARE METER TEMPORARY PAVEMENT MARKINGS SHALL BE PROVIDED FOR ALL LOCATIONS AS SHOWN ON THE CONSTRUCTION STAGING PLANS OR AS DIRECTED BY THE ENGINEER.
4. THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF ONE THROUGH TRAFFIC LANE IN EACH DIRECTION THROUGH THE PROJECT AREA AT ALL TIMES.
5. THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND TRAFFIC CONTROL DEVICES MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
6. THE CONTRACTOR SHALL PROVIDE ADEQUATE TEMPORARY DRAINAGE & EROSION PROTECTION FOR THE DURATION OF THIS PROJECT.
7. THE ENGINEER MUST CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470, 72 HOURS PRIOR TO PLACEMENT OF TEMPORARY TRAFFIC CONTROL DEVICES.

**PRE-STAGE (IL. RTE. 23):**

1. CONSTRUCT PROPOSED TEMPORARY DRIVEWAY CULVERTS ON THE WEST SIDE OF IL 23 AS SHOWN ON PLANS.
2. REMOVE EXISTING DRIVEWAY CULVERTS ON THE WEST SIDE OF IL 23 AS SHOWN ON PLANS.
3. REMOVE EXISTING AGGREGATE SHOULDER FOR PROPOSED TEMPORARY PAVEMENT.
4. CONSTRUCT TEMPORARY WIDENING ON WEST SIDE OF IL ROUTE 23 (SOUTH BOUND).
5. PLACE TEMPORARY EMBANKMENT AS DIRECTED BY ENGINEER AS SHOWN ON PLANS
6. MAINTAIN EXISTING TRAFFIC IN ACCORDANCE WITH STANDARD 701326. ANY OPERATION WHICH REQUIRES LANE CLOSURE SHALL BE DONE IN ACCORDANCE WITH STANDARDS 701201, 701701.
7. INSTALL TEMPORARY EROSION CONTROL MEASURED ALONG IL 23.

**STAGE I (IL. RTE. 23):**

1. SHIFT IL 23 TRAFFIC TO WEST AS SHOWN ON PLANS AND STAGING TYPICAL SECTIONS.
2. INSTALL TEMPORARY CONCRETE BARRIER AS SHOWN ON PLANS.
3. PLACE TEMPORARY STRIPING, SIGNING, AND BARRICADES BEFORE STAGE 1 CONSTRUCTION BEGINS.
4. REMOVE EAST HALF OF EXISTING PAVEMENT AND EXISTING PIPE CULVERTS AS SHOWN ON PLANS.
5. CONSTRUCT PROPOSED STORM SEWER AS SHOWN ON PLANS.
6. PERFORM EARTH EXCAVATION AS SHOWN ON PLANS.
7. PLACE PROPOSED AGGREGATE SUBGRADE, PROPOSED HMA BASE COURSE, PROPOSED HMA BINDER COURSE AND PROPOSED HMA SHOULDER ON NORTH BOUND IL ROUTE 23 BEFORE OPENING TO TRAFFIC.
8. CONSTRUCT TEMPORARY WIDENING ON EAST SIDE OF IL ROUTE 23.
9. PLACE EMBANKMENT AS DIRECTED BY THE ENGINEER AS SHOWN ON PLANS.
10. PROVIDE TEMPORARY SEEDING FOR AREAS OF WORK.
11. MAINTAIN EXISTING TRAFFIC ON SOUTH BOUND LANES. ANY OPERATION WHICH REQUIRES LANE CLOSURE SHALL BE DONE IN ACCORDANCE WITH STANDARD 701201, 701701.

**STAGE II (IL. RTE. 23):**

1. SHIFT IL 23 TRAFFIC TO EAST (NEWLY CONSTRUCTED PAVEMENT IN STAGE 1) AS SHOWN ON PLANS AND STAGING TYPICAL SECTIONS.
2. REMOVE TEMPORARY CONCRETE BARRIER AS SHOWN ON PLANS.
3. PLACE TEMPORARY STRIPING, SIGNING, AND BARRICADES BEFORE STAGE 2 CONSTRUCTION BEGINS.
4. REMOVE REMAINING WEST HALF OF EXISTING PAVEMENT, AND EXISTING PIPE CULVERT AS SHOWN ON PLANS.
5. CONSTRUCT PROPOSED STORM SEWER AS SHOWN ON PLANS
6. PERFORM EARTH EXCAVATION AS SHOWN ON PLANS.
7. PLACE PROPOSED AGGREGATE SUBGRADE, PROPOSED HMA BINDER COURSE, PROPOSED HMA BASE COURSE AND HMA SHOULDER ON SOUTH BOUND IL ROUTE 23 BEFORE OPENING TO TRAFFIC.
8. CONSTRUCT COMBINATION CONCRETE CURB AND GUTTER AS SHOWN ON PLANS ON WEST SIDE OF IL RTE. 23
9. PLACE EMBANKMENT AS DIRECTED BY THE ENGINEER AS SHOWN ON PLANS.
10. PROVIDE TEMPORARY SEEDING FOR AREAS OF WORK.
11. MAINTAIN EXISTING TRAFFIC ON NORTH BOUND LANES. ANY OPERATION WHICH REQUIRES LANE CLOSURE SHALL BE DONE IN ACCORDANCE WITH STANDARD 701201, 701701.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**IL. RTE. 23 @ RIVER RD.  
STAGING NOTES**

DATE 2/13/2008

DRAWN BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	MCHENRY	82	12
STA. 2+150		TO STA. 2+350		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

**PRE-STAGE (RIVER ROAD):**

1. CONSTRUCT PROPOSED PIPE CULVERTS AT STA. 4+799 AND STA. 4+890.
2. CONSTRUCT PROPOSED TEMPORARY DRIVEWAY CULVERTS ON THE NORTH SIDE OF RIVER ROAD AS SHOWN ON PLANS.
3. DIVERT DITCHES TO PROPOSED PIPE CULVERTS ON NORTH AND SOUTH SIDES OF RIVER ROAD AND TO TEMPORARY DRIVEWAY CULVERTS.
4. REMOVE EXISTING PIPE CULVERTS AT STA. 4+799 AND STA. 4+890. AND REMOVE DRIVEWAY CULVERTS ALONG RIVER ROAD AS SHOWN ON PLANS.
5. REMOVE EXISTING AGGREGATE SHOULDER FOR PROPOSED TEMPORARY PAVEMENT.
6. CONSTRUCT TEMPORARY WIDENING ON SOUTH SIDE OF RIVER ROAD (EAST BOUND).
7. PLACE TEMPORARY EMBANKMENT AS DIRECTED BY ENGINEER AS SHOWN ON PLANS
8. MAINTAIN EXISTING TRAFFIC IN ACCORDANCE WITH STANDARD 701326. ANY OPERATION WICH REQUIRES LANE CLOSURE SHALL BE DONE IN ACCORDANCE WITH STANDARDS 701201, 701701.
9. INSTALL TEMPORARY EROSION CONTROL MEASURED ALONG RIVER ROAD.

**STAGE I (RIVER ROAD):**

1. SHIFT RIVER ROAD TRAFFIC TO SOUTH AS SHOWN ON PLANS AND STAGING TYPICAL SECTIONS.
2. PLACE TEMPORARY STRIPING, SIGNING, AND BARRICADES BEFORE STAGE 1 CONSTRUCTION BEGINS.
3. REMOVE NORTH HALF OF EXISTING PAVEMENT AND EXISTING PIPE CULVERTS AS SHOWN ON PLANS.
4. PERFORM EARTH EXCAVATION AS SHOWN ON PLANS.
5. PLACE PROPOSED AGGREGATE SUBGRADE, PROPOSED HMA BINDER COURSE, PROPOSED HMA BASE COURSE AND HMA SHOULDER ON EAST BOUND IRIVER ROAD BEFORE OPENING TO TRAFFIC.
6. CONSTRUCT TEMPORARY PAVEMENT ON NORTH SIDE OF RIVER ROAD (WEST BOUND).
7. PLACE EMBANKMENT AS DIRECTED BY THE ENGINEER AS SHOWN ON PLANS.
8. PROVIDE TEMPORARY SEEDING FOR AREAS OF WORK.
9. MAINTAIN EXISTING TRAFFIC ON SOUTH BOUND LANES. ANY OPERATION WHICH REQUIRES LANE CLOSURE SHALL BE DONE IN ACCORDANCE WITH STANDARD 701201, 701701.

**STAGE IA (RIVER ROAD):**

1. RELOCATE BARRICADES FOR THIS SUB-STAGE AS SHOWN ON PLANS.
2. REMOVE EXISTING PAVEMENT AND PERFORM EARTH EXCAVATION AS SHOWN ON PLANS.
3. PLACE PROPOSED AGGREGATE SUBGRADE, PROPOSED HMA BINDER COURSE, PROPOSED HMA BASE COURSE ON NORTH EAST AND NORTH WEST OF THE INTERSECTION AS SHOWN ON PLANS.
4. CONSTRUCT PROPOSED HMA SHOULDER AND PROPOSED CURB AND GUTTER ON NORTH WEST CORNER OF THE INTERSECTION AS SHOWN ON PLANS
5. PLACE EMBANKMENT AS DIRECTED BY THE ENGINEER AS SHOWN ON PLANS.

**STAGE IB (RIVER ROAD):**

1. SHIFT RIVER ROAD TRAFFIC TO NORTH AS SHOWN ON PLANS.
2. PLACE TEMPORARY STRIPING, SIGNING, AND BARRICADES AS SHOWN ON STAGING PLANS.
3. REMOVE EXISTING PAVEMENT AND PERFORM EARTH EXCAVATION ON SOUTH EAST CORNER OF INTERSECTION AS SHOWN ON PLANS.
4. PLACE PROPOSED AGGREGATE SUBGRADE, PROPOSED HMA BINDER COURSE, PROPOSED HMA BASE COURSE AND HMA SHOULDER ON RIVER ROAD AS SHOWN ON PLANS.
5. PLACE EMBANKMENT AS DIRECTED BY THE ENGINEER AS SHOWN ON PLANS.
6. PROVIDE TEMPORARY SEEDING FOR AREAS OF WORK.

**STAGE II (RIVER ROAD):**

1. SHIFT RIVER ROAD TRAFFIC TO NORTH (NEWLY CONSTRUCTED PAVEMENT IN STAGE 1) AS SHOWN ON PLANS AND STAGING TYPICAL SECTIONS.
2. RELOCATE TEMPORARY CONCRETE BARRIER AND TERMINAL SECTIONS AS SHOWN ON PLANS.
3. PLACE TEMPORARY STRIPING, SIGNING, AND BARRICADES BEFORE STAGE 2 CONSTRUCTION BEGINS.
4. REMOVE REMAINING SOUTH HALF OF EXISTING PAVEMENT, AND EXISTING PIPE CULVERT AS SHOWN ON PLANS.
5. PERFORM EARTH EXCAVATION AS SHOWN ON PLANS.
6. PLACE PROPOSED AGGREGATE SUBGRADE, HMA BINDER COURSE, HMA BASE COURSE AND HMA SHOULDER AS SHOWN ON PLANS.
7. PLACE EMBANKMENT AS DIRECTED BY THE ENGINEER AS SHOWN ON PLANS.
8. PROVIDE TEMPORARY SEEDING FOR AREAS OF WORK.
9. MAINTAIN EXISTING TRAFFIC ON NORTH BOUND LANES. ANY OPERATION WHICH REQUIRES LANE CLOSURE SHALL BE DONE IN ACCORDANCE WITH STANDARD 701201, 701701.

**STAGE IIA (RIVER ROAD):**

1. RELOCATE BARRICADES FOR THIS SUB-STAGE AS SHOWN ON PLANS.
2. REMOVE EXISTING PAVEMENT AND PERFORM EARTH EXCAVATION AS SHOWN ON PLANS.
3. PLACE PROPOSED AGGREGATE SUBGRADE, PROPOSED HMA BINDER COURSE AND PROPOSED HMA BASE COURSE AS SHOWN ON PLANS.

**STAGE IIB (RIVER ROAD):**

1. SHIFT RIVER ROAD TRAFFIC TO SOUTH AS SHOWN ON PLANS.
2. PLACE TEMPORARY STRIPING, SIGNING, AND BARRICADES AS SHOWN ON STAGING PLANS.
3. REMOVE EXISTING PAVEMENT AND PERFORM EARTH EXCAVATION ON NORTH WEST CORNER OF INTERSECTION AS SHOWN ON PLANS.
4. PLACE PROPOSED AGGREGATE SUBGRADE, PROPOSED HMA BINDER COURSE AND PROPOSED HMA BASE COURSE AS SHOWN ON PLANS.
5. PLACE EMBANKMENT AS DIRECTED BY THE ENGINEER AS SHOWN ON PLANS.

**STAGE IIC (ILL ROUTE 23):**

REMOVE TEMPORARY PAVEMENT IN NORTH BOUND LANE OF IL ROUTE 23 AND CONSTRUCT COMBINATION CURB AND GUTTER ON EAST SIDE OF IL RTE. 23.

**NOTE:**

STAGE I AND IA CAN NOT BE COMBINED.  
STAGE II AND IIA CAN NOT BE COMBINED.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		IL. RTE. 23 @ RIVER RD. STAGING NOTES

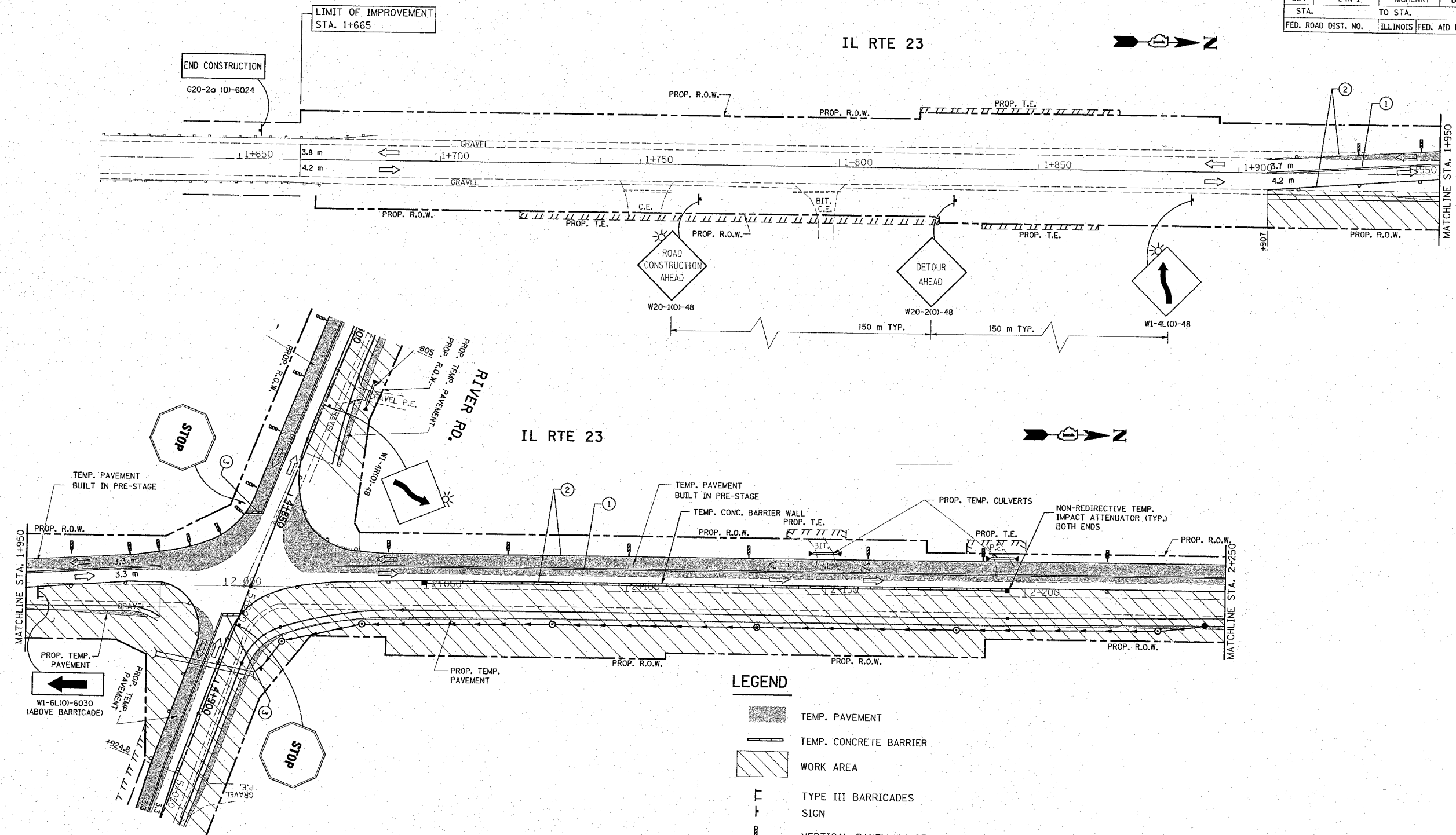
DATE 2/13/2008

DRAWN BY  
CHECKED BY

\*REF-stg01  
\*REF-stg02

CONTRACT# 62296

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	McHENRY	82	13
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**LEGEND**

- TEMP. PAVEMENT
- TEMP. CONCRETE BARRIER
- WORK AREA
- TYPE III BARRICADES
- SIGN
- VERTICAL PANEL W/ STEADY BURN LIGHTS
- TYPE II BARRICADES OR DRUMS WITH MONO-DIRECTIONAL STEADY BURNING LIGHTS
- DIRECTION OF TRAFFIC
- ① TEMPORARY PAVEMENT MARKING, DOUBLE YELLOW CENTER LINE 100 mm @ 275 mm C-C
- ② TEMPORARY PAVEMENT MARKING, WHITE SOLID (100 mm) EDGE LINE
- ③ TEMPORARY PAVEMENT MARKING, WHITE SOLID (600 mm) STOP BAR
- ④ PAVEMENT MARKING TAPE, TYPE III, 100 mm

1 OF 3

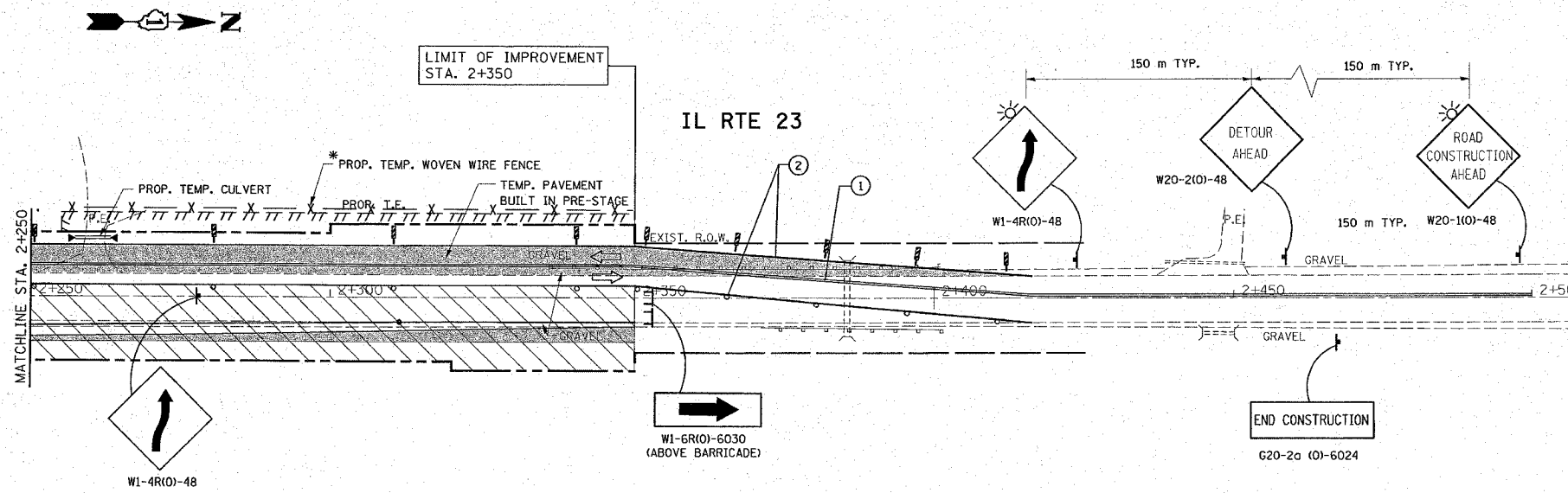
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**IL. RTE. 23 @ RIVER RD.**  
**SUGGESTED MAINTENANCE**  
**OF TRAFFIC PLANS**  
**STAGE I**  
 SCALF: VERT. 1:500 DRAWN BY

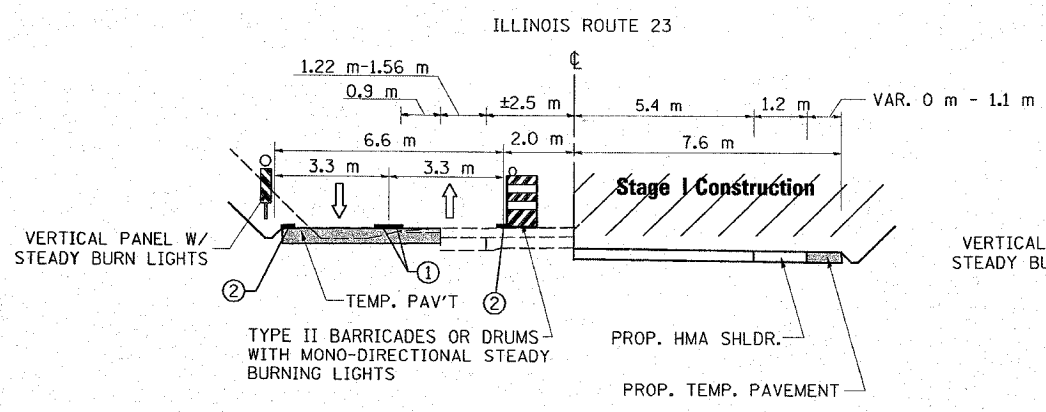
\*REF-stg03

CONTRACT# 62296

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	McHENRY	82	14
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

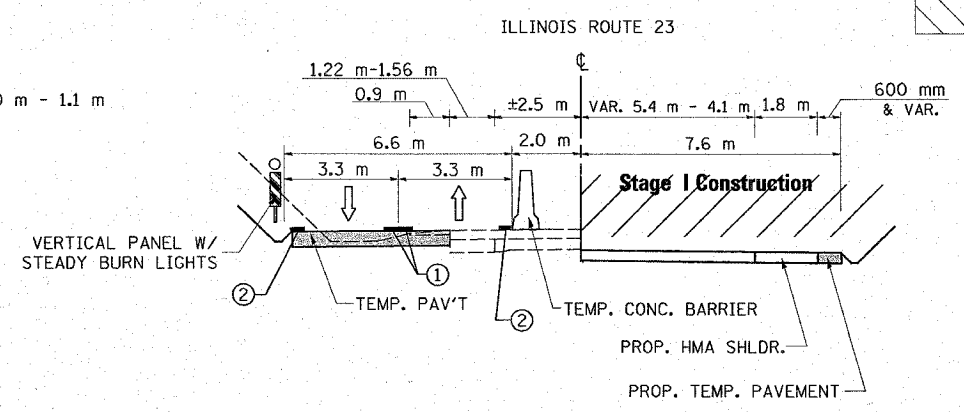


\* NOTE:  
TEMP. WOVEN WIRE FENCE WILL BE  
INSTALLED DURING CONSTRUCTION AND  
WILL BE REMOVED AT THE END OF CONSTRUCTION



**STAGE I CONSTRUCTION**

STA. ±1+980



**STAGE I CONSTRUCTION**

STA. 2+050 TO STA. 2+195

**LEGEND**

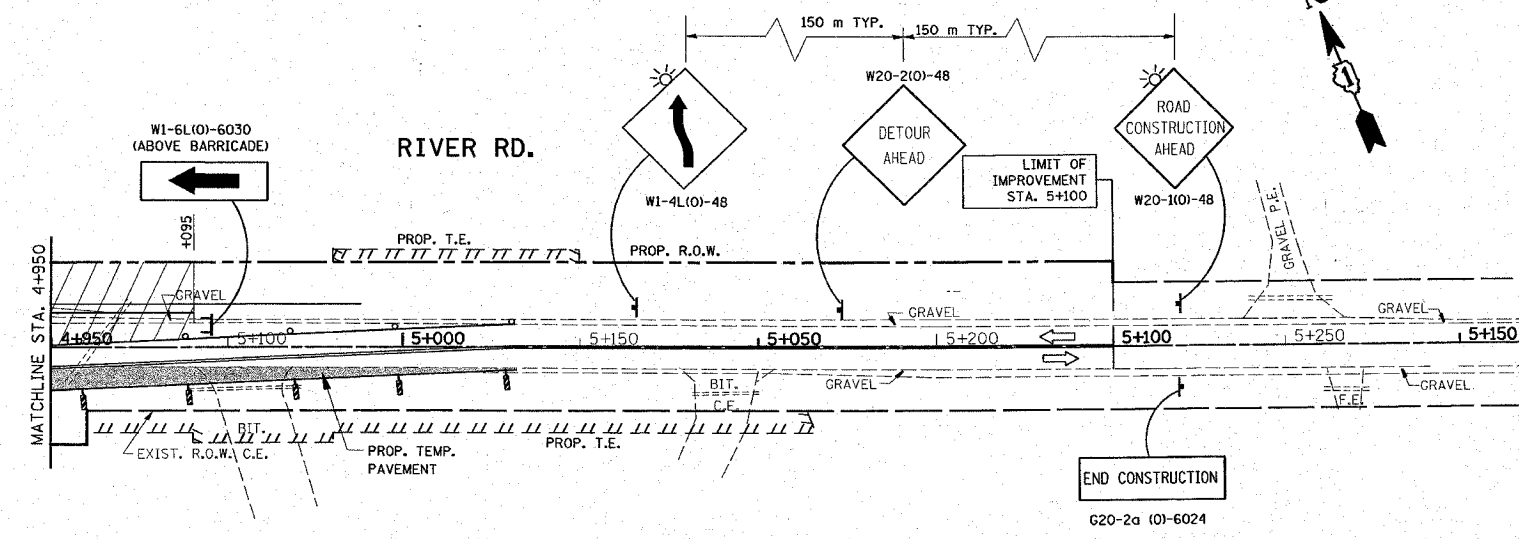
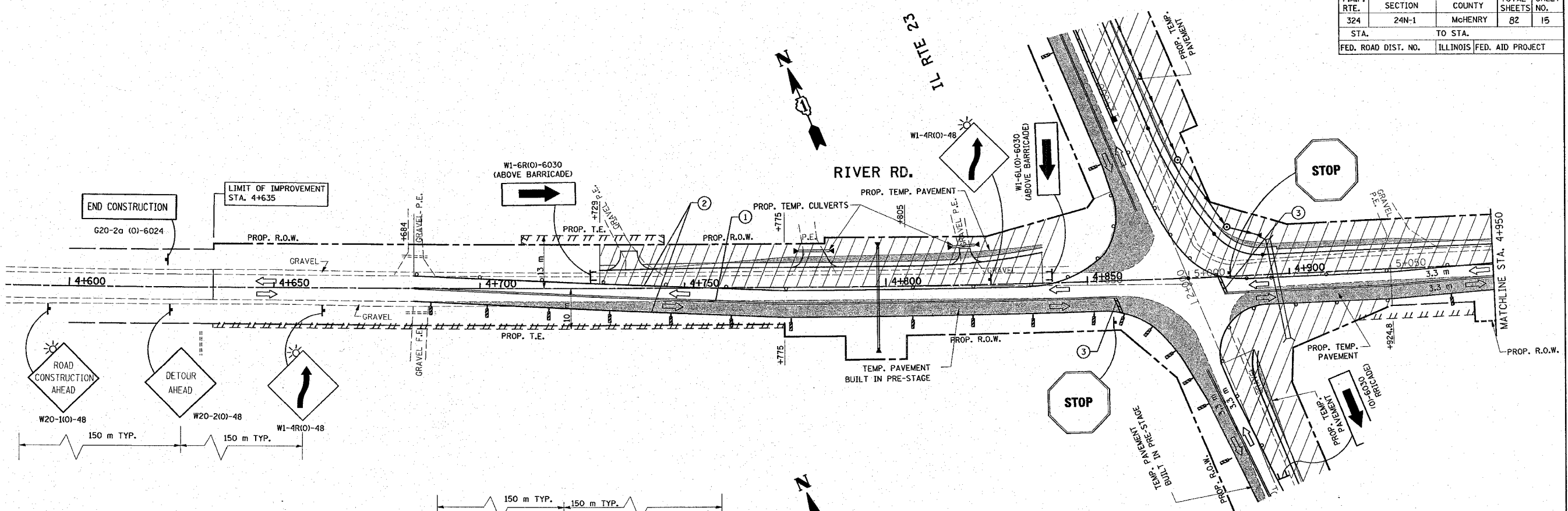
- TEMP. PAVEMENT
- TEMP. CONCRETE BARRIER
- WORK AREA
- TYPE III BARRICADES
- SIGN
- VERTICAL PANEL W/ STEADY BURN LIGHTS
- TYPE II BARRICADES OR DRUMS WITH MONO-DIRECTIONAL STEADY BURNING LIGHTS
- DIRECTION OF TRAFFIC
- TEMPORARY PAVEMENT MARKING, DOUBLE YELLOW CENTER LINE 100 mm @ 275 mm C-C
- TEMPORARY PAVEMENT MARKING, WHITE SOLID (100 mm) EDGE LINE
- TEMPORARY PAVEMENT MARKING, WHITE SOLID (600 mm) STOP BAR
- PAVEMENT MARKING TAPE, TYPE III, 100 mm

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION IL. RTE. 23 @ RIVER RD. SUGGESTED MAINTENANCE OF TRAFFIC PLANS STAGE I
NAME	DATE	
		SCALE: VERT. 1:500 DATE 2/8/2008 DRAWN BY CHECKED BY

\*REF-pmk4  
\*REF-pmk5

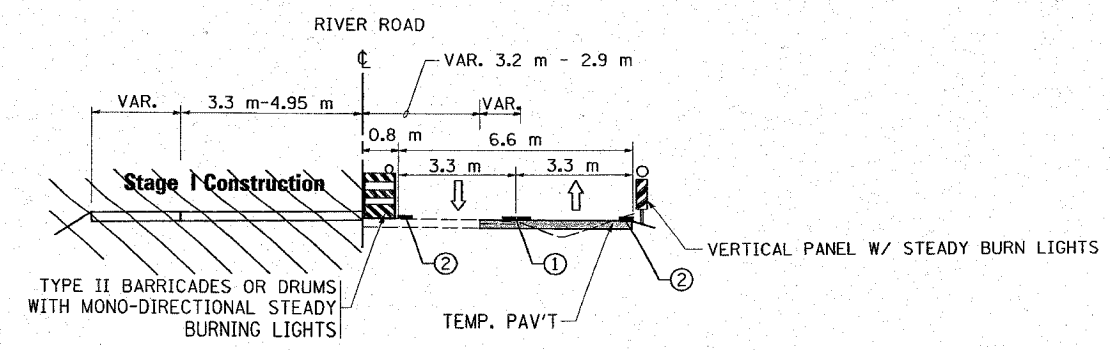
CONTRACT# 62296

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	McHENRY	82	15
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**LEGEND**

- TEMP. PAVEMENT
- TEMP. CONCRETE BARRIER
- WORK AREA
- TYPE III BARRICADES
- SIGN
- VERTICAL PANEL W/ STEADY BURN LIGHTS
- TYPE II BARRICADES OR DRUMS WITH MONO-DIRECTIONAL STEADY BURNING LIGHTS
- DIRECTION OF TRAFFIC
- TEMPORARY PAVEMENT MARKING, DOUBLE YELLOW CENTER LINE 100 mm @ 275 mm C-C
- TEMPORARY PAVEMENT MARKING, WHITE SOLID (100 mm) EDGE LINE
- TEMPORARY PAVEMENT MARKING, WHITE SOLID (600 mm) STOP BAR
- PAVEMENT MARKING TAPE, TYPE III, 100 mm



**STAGE I CONSTRUCTION**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

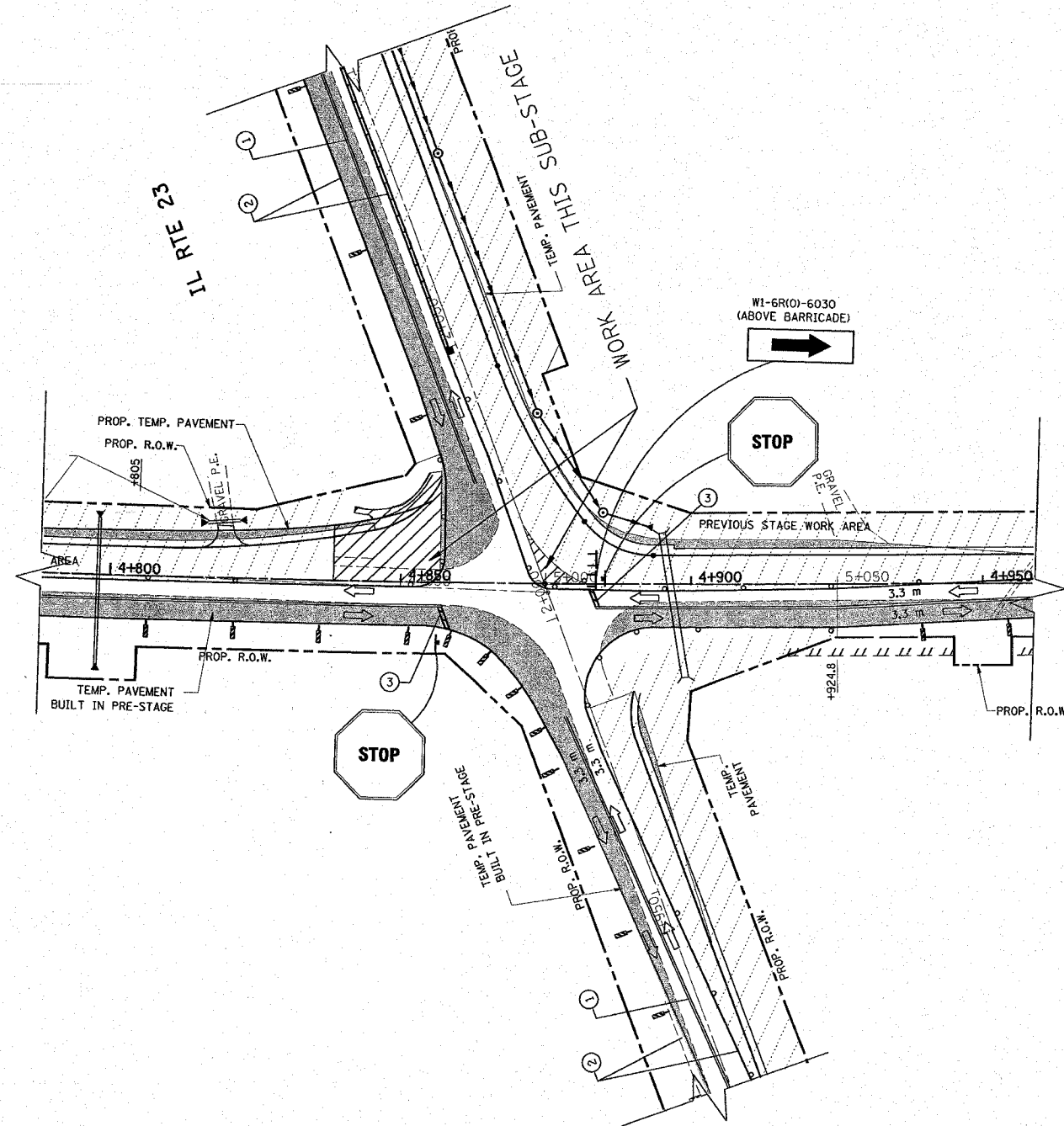
**IL. RTE. 23 @ RIVER RD.  
SUGGESTED MAINTENANCE  
OF TRAFFIC PLANS  
STAGE I**

SCALE: VERT. 1:500  
HORIZ. 1:500  
DATE 2/11/2008  
DRAWN BY  
CHECKED BY

REF-pmk4  
REF-pmk5

CONTRACT# 62296

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	McHENRY	82	16
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

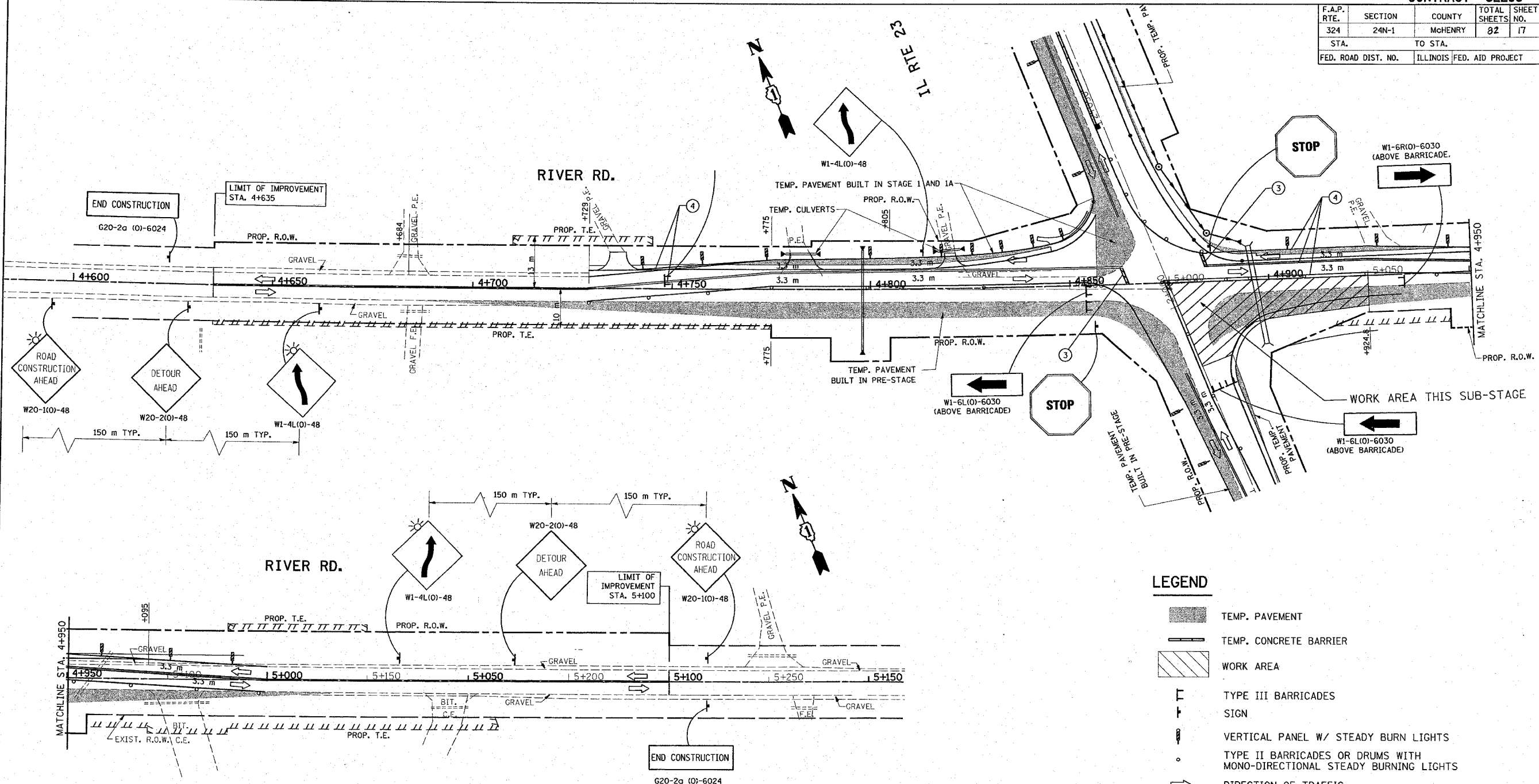




\*REF-pmk4  
\*REF-pmk5

CONTRACT# 62296

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	McHENRY	02	17
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**LEGEND**

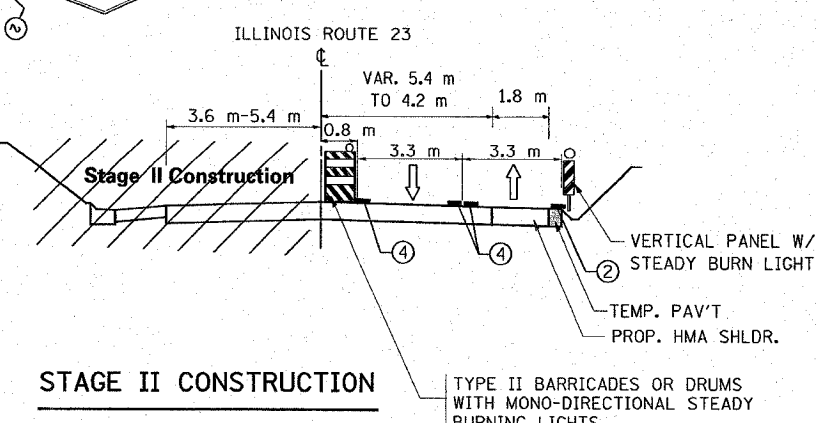
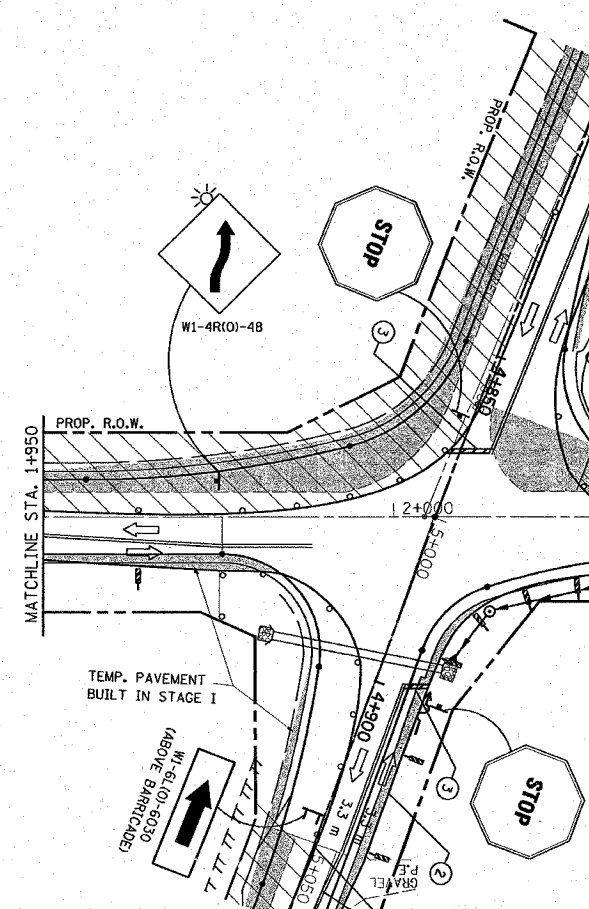
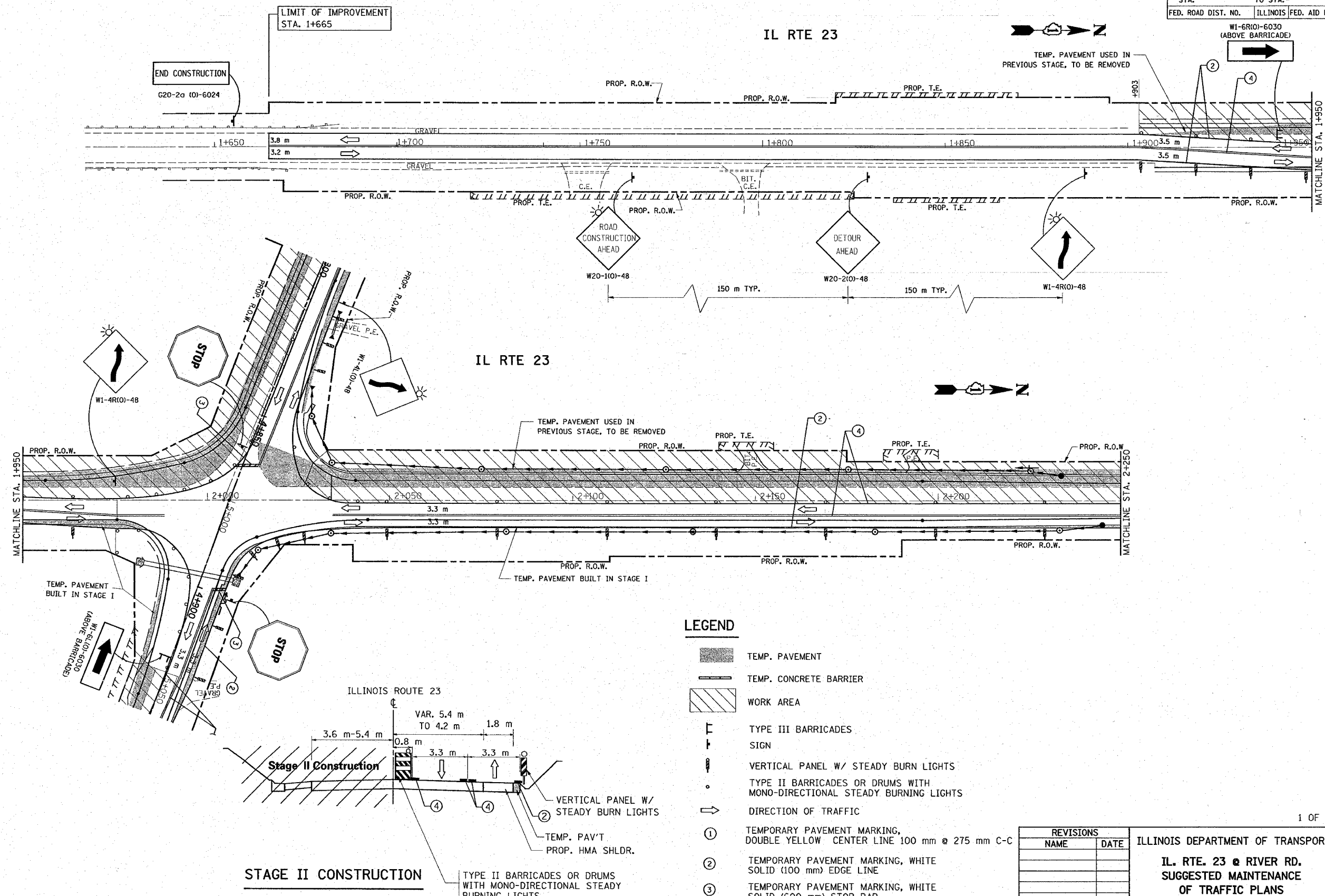
- TEMP. PAVEMENT
- TEMP. CONCRETE BARRIER
- WORK AREA
- TYPE III BARRICADES
- SIGN
- VERTICAL PANEL W/ STEADY BURN LIGHTS
- TYPE II BARRICADES OR DRUMS WITH MONO-DIRECTIONAL STEADY BURNING LIGHTS
- DIRECTION OF TRAFFIC
- TEMPORARY PAVEMENT MARKING, DOUBLE YELLOW CENTER LINE 100 mm @ 275 mm C-C
- TEMPORARY PAVEMENT MARKING, WHITE SOLID (100 mm) EDGE LINE
- TEMPORARY PAVEMENT MARKING, WHITE SOLID (600 mm) STOP BAR
- PAVEMENT MARKING TAPE, TYPE III, 100 mm

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<p style="text-align: center;"><b>RIVER RD. @ IL. RTE. 23</b> <b>SUGGESTED MAINTENANCE</b> <b>OF TRAFFIC PLANS</b> <b>STAGE 1B</b></p> <p>SCALE: VERT. 1:500 DATE 2/8/2008</p>

\*REF-stg01  
\*REF-stg02

CONTRACT# 62296

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	McHENRY	22	18
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**LEGEND**

- TEMP. PAVEMENT
- TEMP. CONCRETE BARRIER
- WORK AREA
- TYPE III BARRICADES
- SIGN
- VERTICAL PANEL W/ STEADY BURN LIGHTS
- TYPE II BARRICADES OR DRUMS WITH MONO-DIRECTIONAL STEADY BURNING LIGHTS
- DIRECTION OF TRAFFIC
- ① TEMPORARY PAVEMENT MARKING, DOUBLE YELLOW CENTER LINE 100 mm @ 275 mm C-C
- ② TEMPORARY PAVEMENT MARKING, WHITE SOLID (100 mm) EDGE LINE
- ③ TEMPORARY PAVEMENT MARKING, WHITE SOLID (600 mm) STOP BAR
- ④ PAEMENT MARKING TAPE, TYPE III, 100 mm

REVISIONS	
NAME	DATE

1 OF 3

ILLINOIS DEPARTMENT OF TRANSPORTATION

**IL. RTE. 23 @ RIVER RD.  
SUGGESTED MAINTENANCE  
OF TRAFFIC PLANS  
STAGE II**

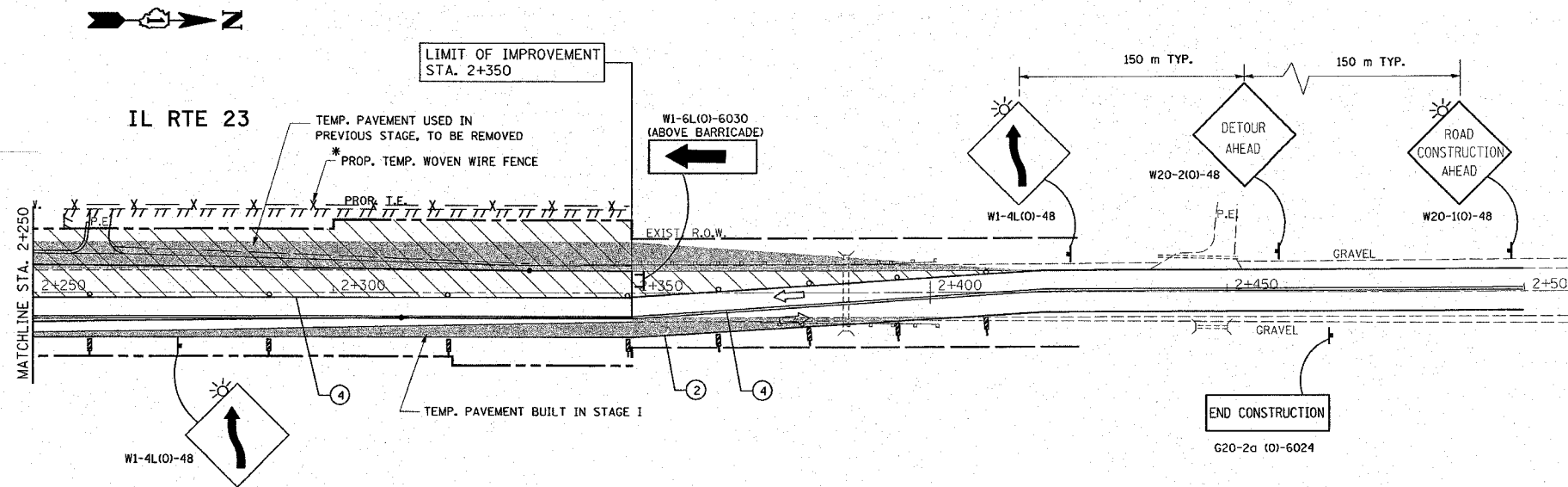
SCALE: VERT. 1:500  
DATE 2/11/2008

DRAWN BY  
CHECKED BY

REF-stg03

CONTRACT# 62296

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	McHENRY	82	19
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



\* NOTE:  
TEMP. WOVEN WIRE FENCE WILL BE  
INSTALLED DURING CONSTRUCTION AND  
WILL BE REMOVED AT THE END OF CONSTRUCTION

**LEGEND**

- TEMP. PAVEMENT
- TEMP. CONCRETE BARRIER
- WORK AREA
- TYPE III BARRICADES
- SIGN
- VERTICAL PANEL W/ STEADY BURN LIGHTS
- TYPE II BARRICADES OR DRUMS WITH MONO-DIRECTIONAL STEADY BURNING LIGHTS
- DIRECTION OF TRAFFIC
- ① TEMPORARY PAVEMENT MARKING, DOUBLE YELLOW CENTER LINE 100 mm @ 275 mm C-C
- ② TEMPORARY PAVEMENT MARKING, WHITE SOLID (100 mm) EDGE LINE
- ③ TEMPORARY PAVEMENT MARKING, WHITE SOLID (600 mm) STOP BAR
- ④ PAVEMENT MARKING TAPE, TYPE III, 100 mm

2 OF 3

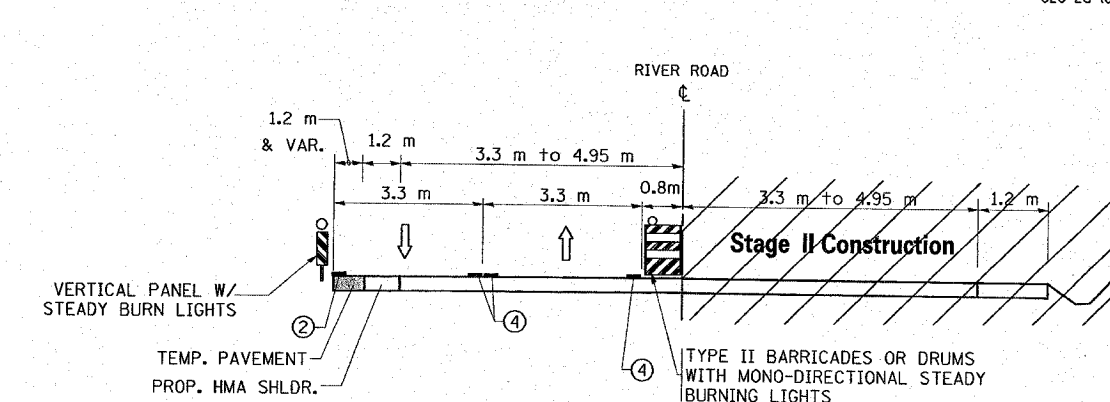
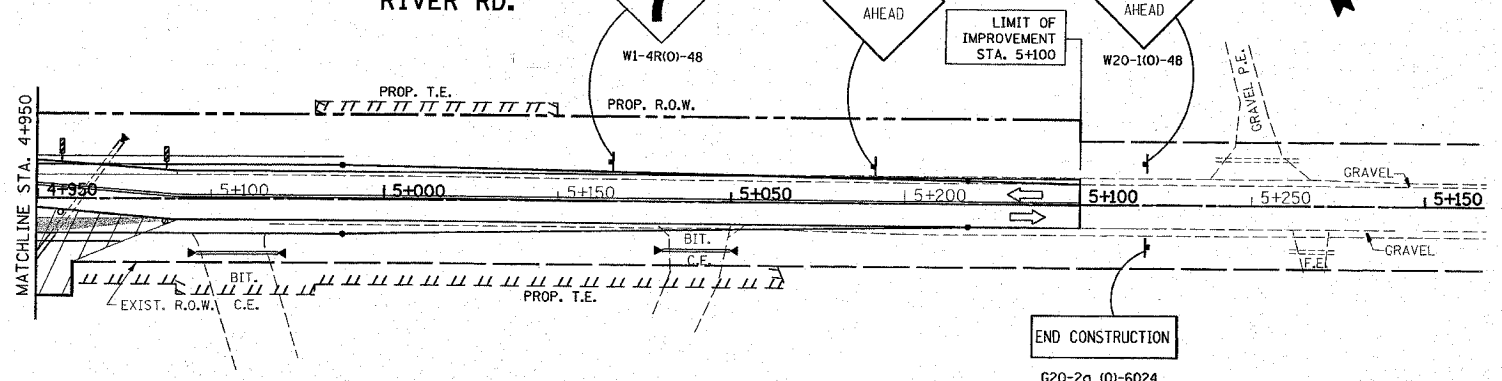
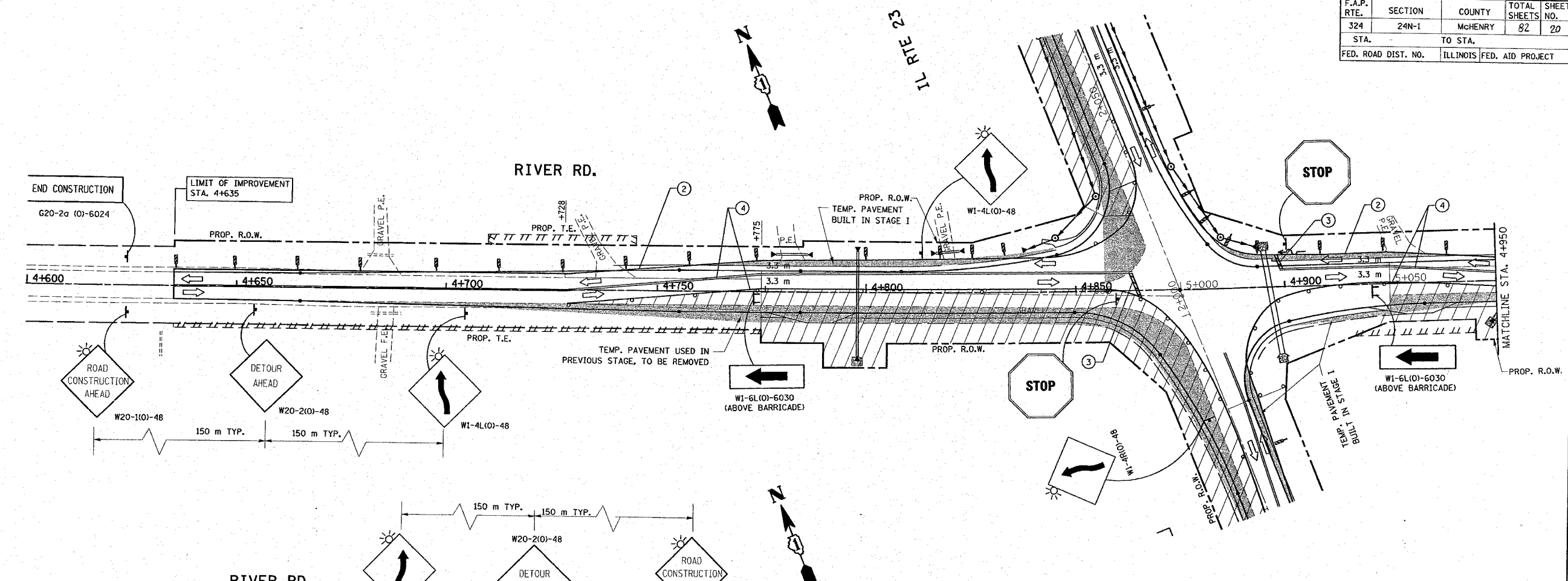
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION IL. RTE. 23 @ RIVER RD. SUGGESTED MAINTENANCE OF TRAFFIC PLANS STAGE II
NAME	DATE	

SCALE: VERT. 1:500  
HORIZ. 1:500  
DATE 2/11/2008  
DRAWN BY  
CHECKED BY

\*REF-pmk4  
\*REF-pmk5

CONTRACT# 62296

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	McHENRY	82	20
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS		FED. AID PROJECT	



STAGE II CONSTRUCTION

LEGEND

- TEMP. PAVEMENT
- TEMP. CONCRETE BARRIER
- WORK AREA
- TYPE III BARRICADES
- SIGN
- VERTICAL PANEL W/ STEADY BURN LIGHTS
- TYPE II BARRICADES OR DRUMS WITH MONO-DIRECTIONAL STEADY BURNING LIGHTS
- DIRECTION OF TRAFFIC
- ① TEMPORARY PAVEMENT MARKING, DOUBLE YELLOW CENTER LINE 100 mm @ 275 mm C-C
- ② TEMPORARY PAVEMENT MARKING, WHITE SOLID (100 mm) EDGE LINE
- ③ TEMPORARY PAVEMENT MARKING, WHITE SOLID (600 mm) STOP BAR
- ④ PAVEMENT MARKING TAPE, TYPE III, 100 mm

REVISIONS	
NAME	DATE

3 OF 3

ILLINOIS DEPARTMENT OF TRANSPORTATION

**IL. RTE. 23 @ RIVER RD.**

**SUGGESTED MAINTENANCE OF TRAFFIC PLANS**

**STAGE II**

SCALE: VERT. 1:500  
HORIZ. 1:500

DATE 2/11/2008

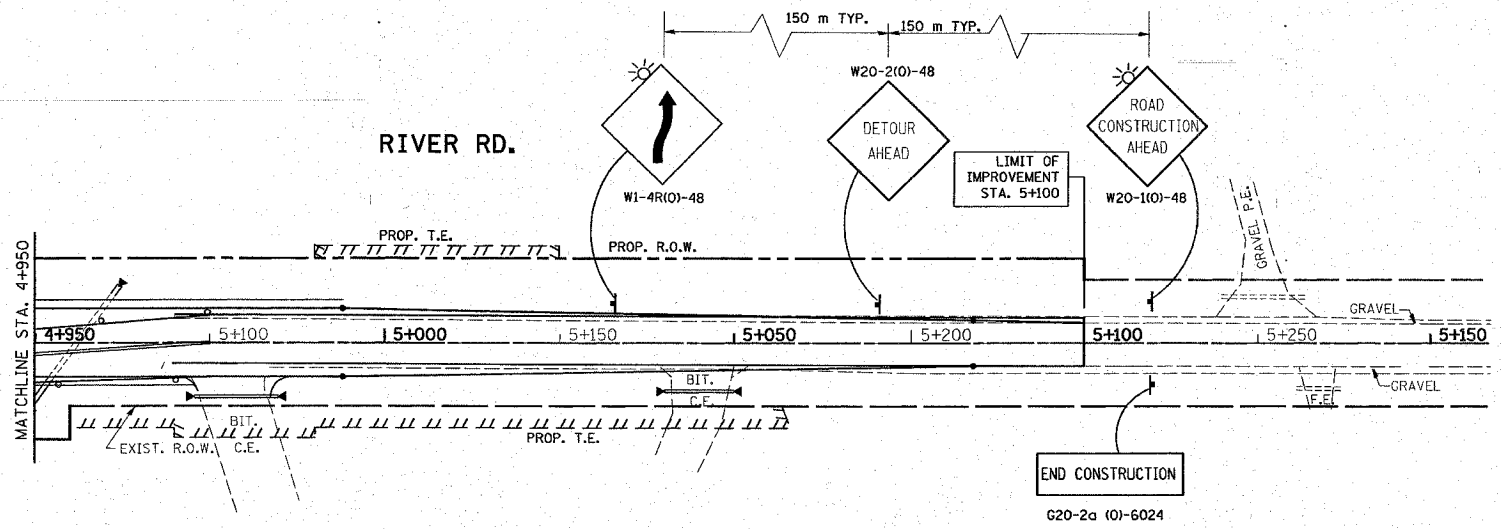
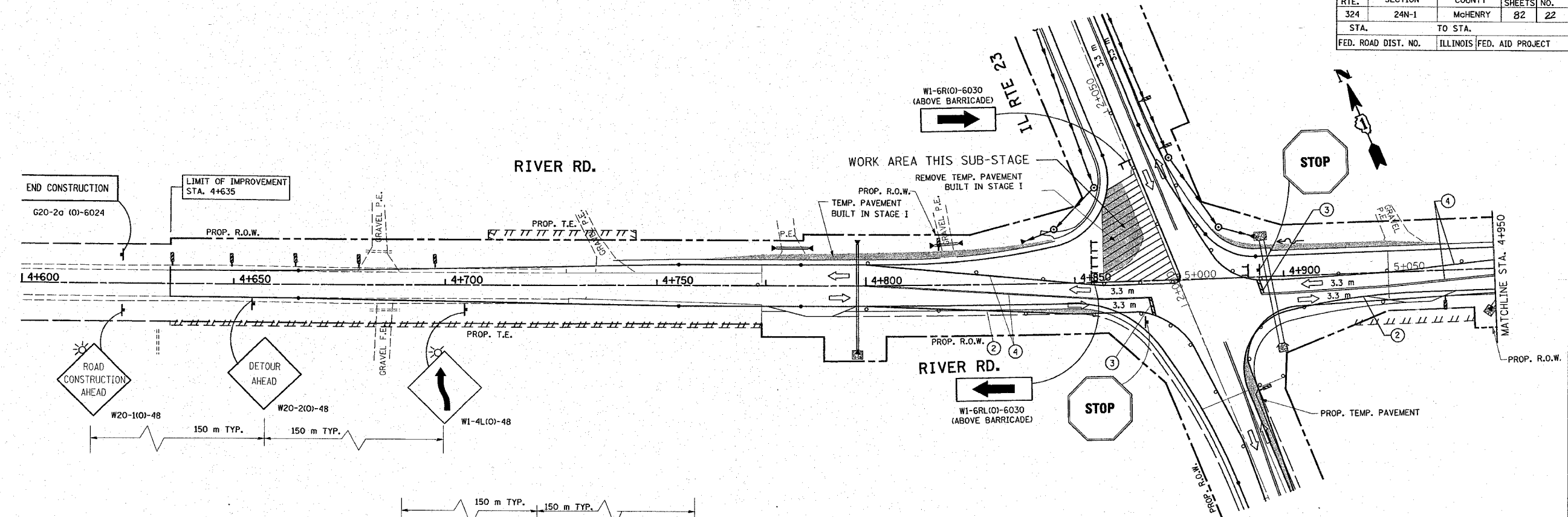
DRAWN BY  
CHECKED BY



\*REF-pmk4  
\*REF-pmk5

CONTRACT# 62296

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	McHENRY	82	22
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**LEGEND**

- TEMP. PAVEMENT
- TEMP. CONCRETE BARRIER
- WORK AREA
- TYPE III BARRICADES
- SIGN
- VERTICAL PANEL W/ STEADY BURN LIGHTS
- TYPE II BARRICADES OR DRUMS WITH MONO-DIRECTIONAL STEADY BURNING LIGHTS
- DIRECTION OF TRAFFIC
- ① TEMPORARY PAVEMENT MARKING, DOUBLE YELLOW CENTER LINE 100 mm @ 275 mm C-C
- ② TEMPORARY PAVEMENT MARKING, WHITE SOLID (100 mm) EDGE LINE
- ③ TEMPORARY PAVEMENT MARKING, WHITE SOLID (600 mm) STOP BAR
- ④ PAVEMENT MARKING TAPE, TYPE III, 100 mm

REVISIONS	
NAME	DATE

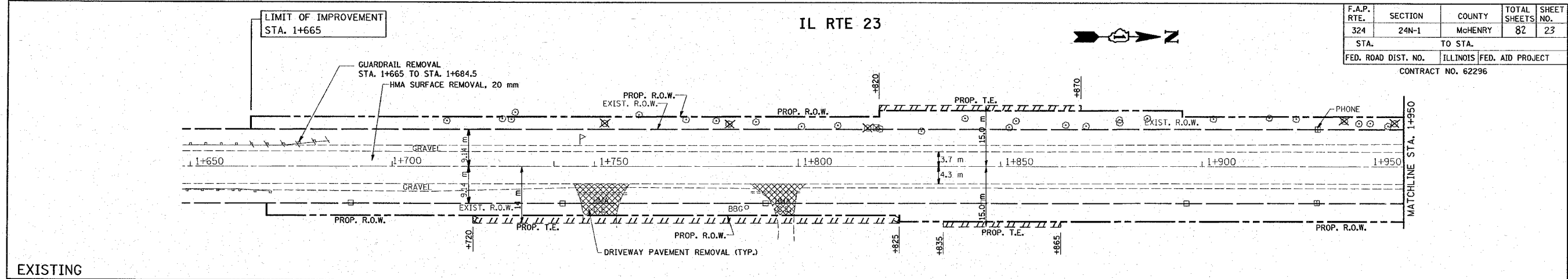
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**IL. RTE. 23 @ RIVER RD.  
 SUGGESTED MAINTENANCE  
 OF TRAFFIC PLANS  
 STAGE IIB**

SCALE: VERT. 1:500  
 DATE 2/11/2008

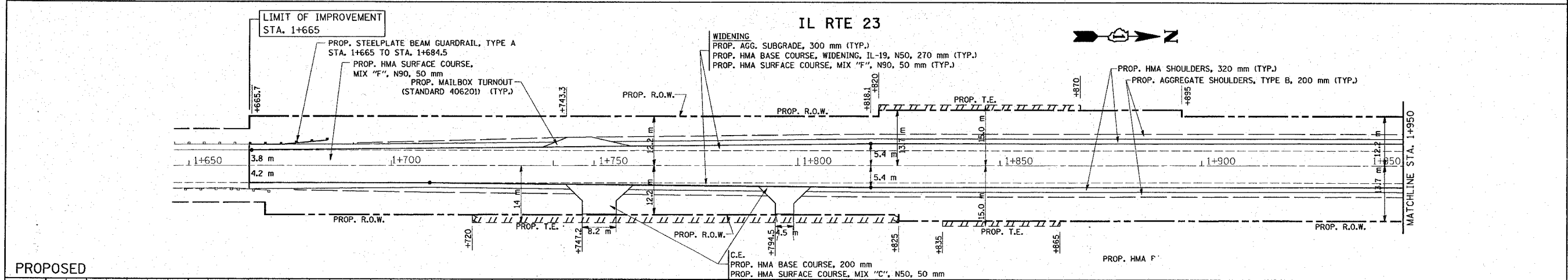
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 CHECKED BY

REF-topo  
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REF-PROP  
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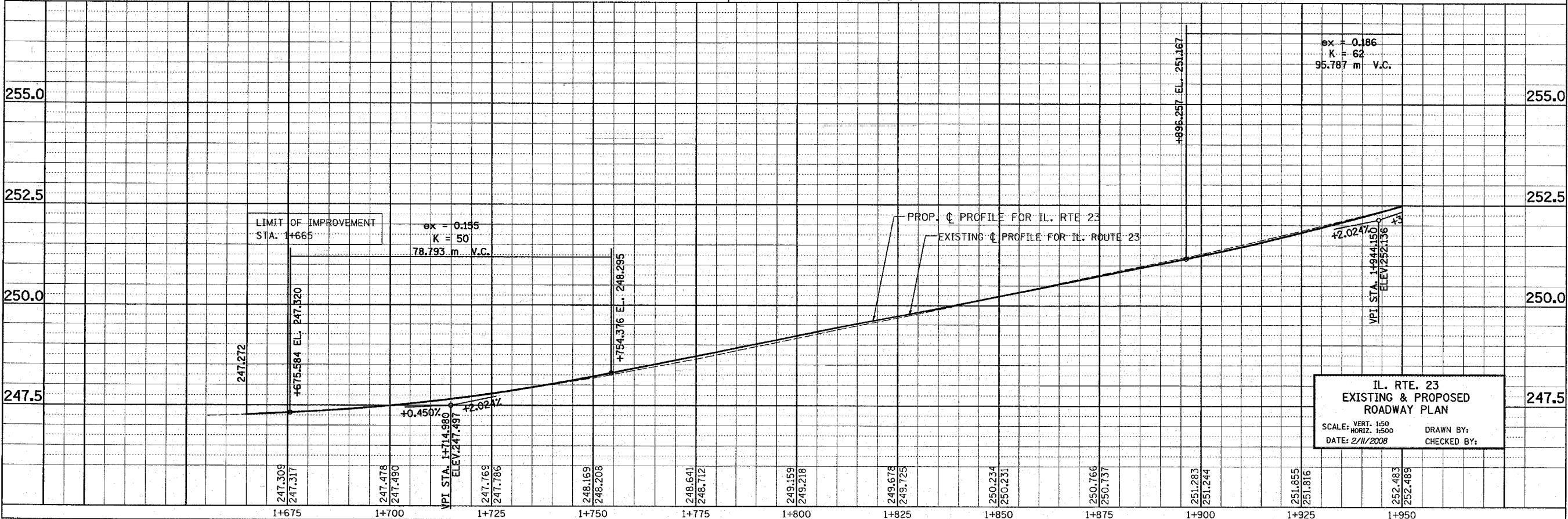
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	McHENRY	82	23
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62296				



EXISTING



PROPOSED

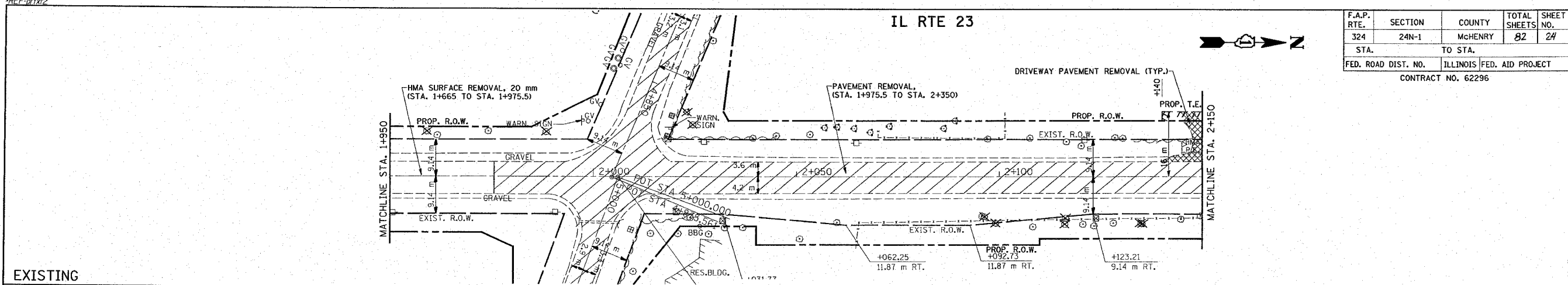


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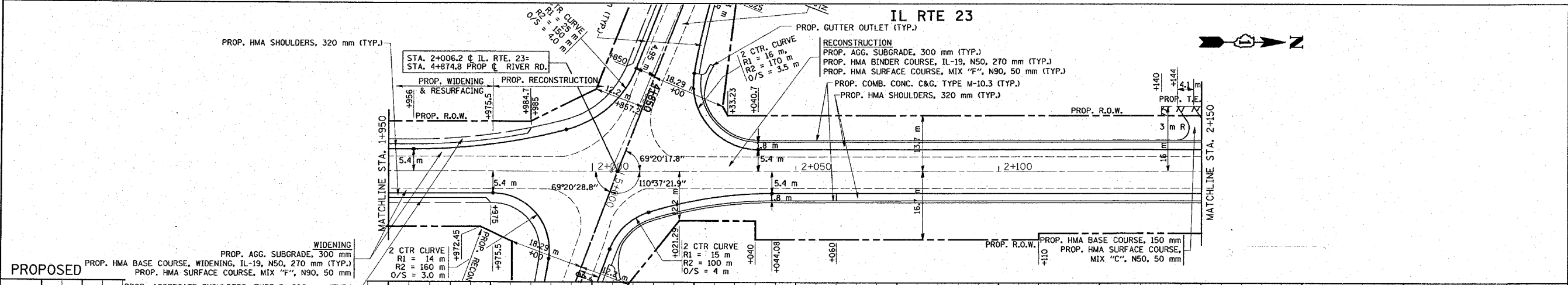
IL RTE 23



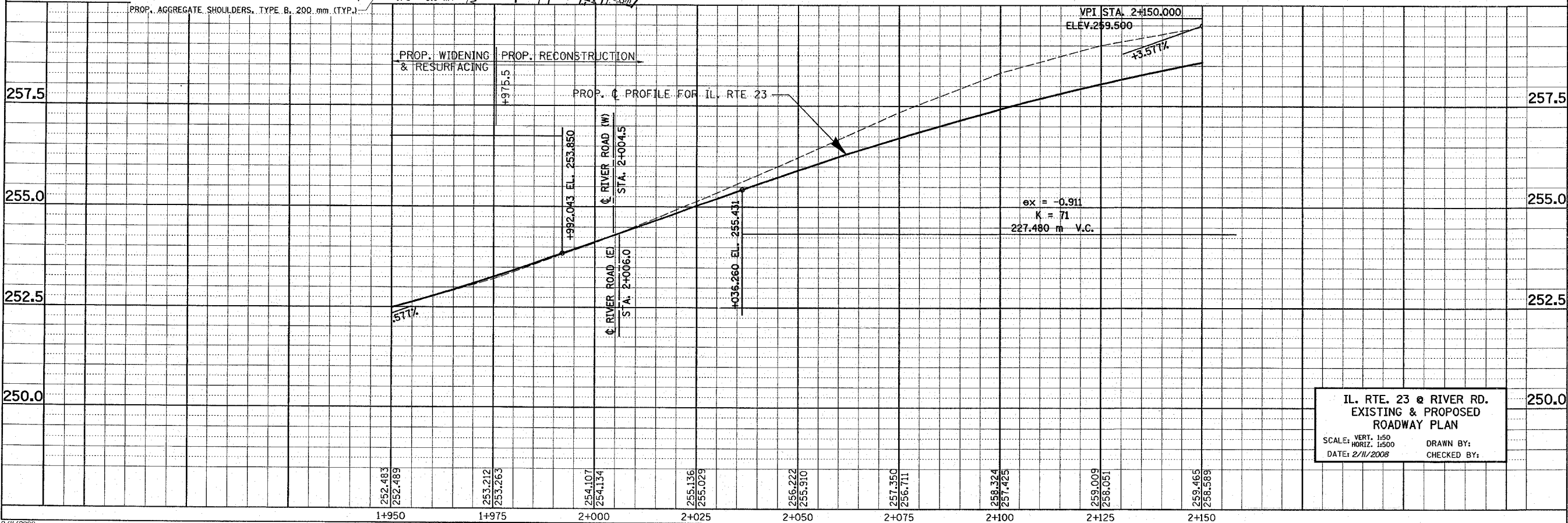
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	McHENRY	82	24
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62296				



EXISTING



PROPOSED

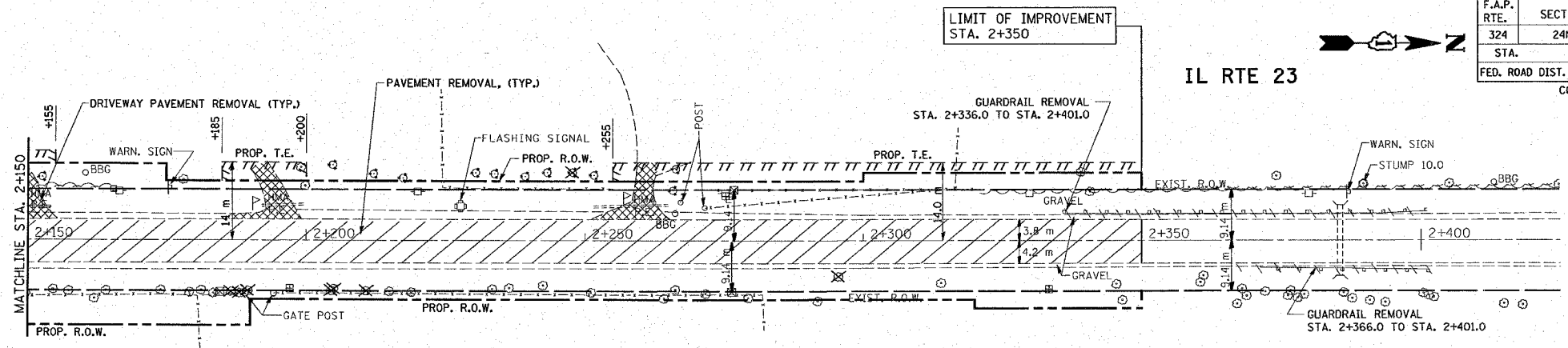


IL. RTE. 23 @ RIVER RD.  
 EXISTING & PROPOSED  
 ROADWAY PLAN  
 SCALE: VERT. 1:50  
 HORIZ. 1:500  
 DATE: 2/11/2008  
 DRAWN BY:  
 CHECKED BY:



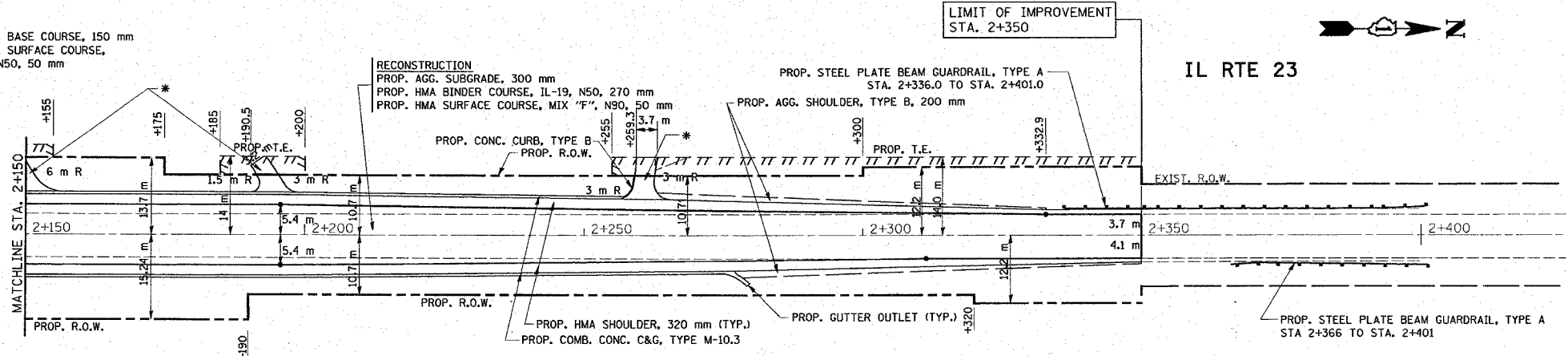
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	McHENRY	82	25
STA. 324 TO STA. 325				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62296				

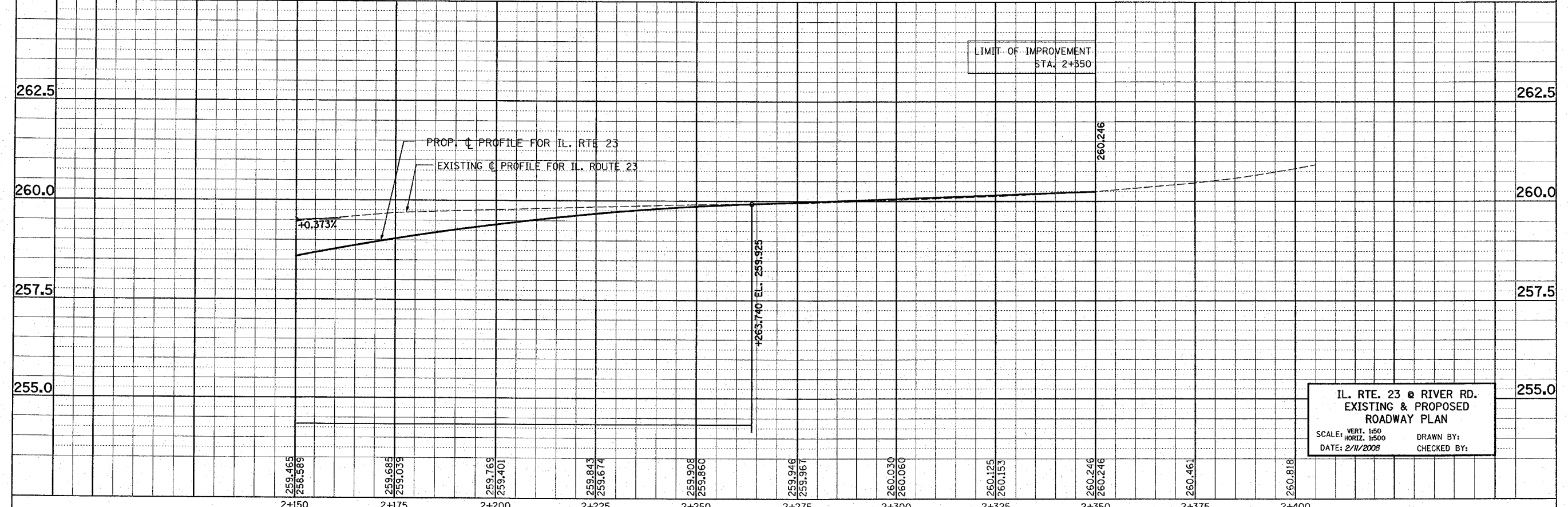


EXISTING

\* P.E.  
PROP. HMA BASE COURSE, 150 mm  
PROP. HMA SURFACE COURSE,  
MIX "C", N50, 50 mm



PROPOSED

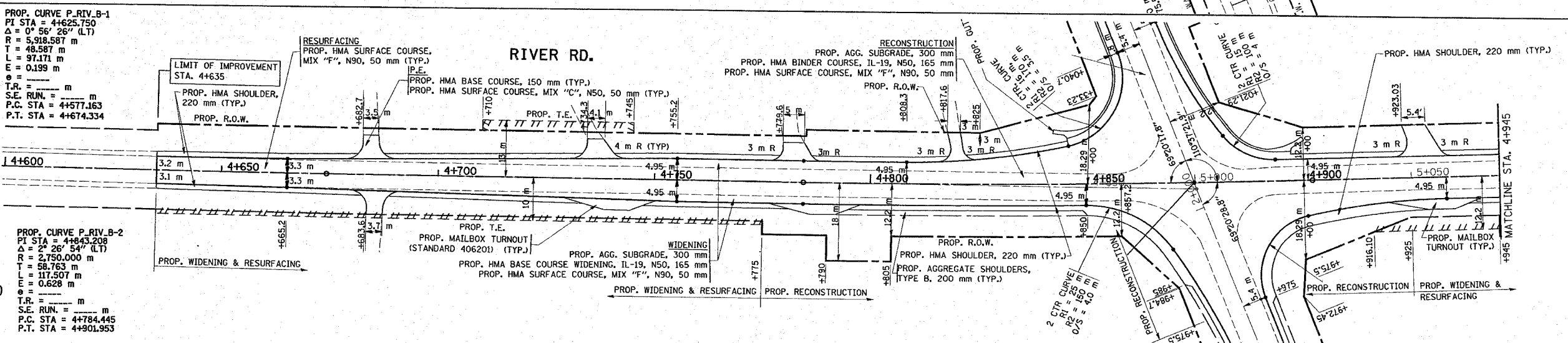
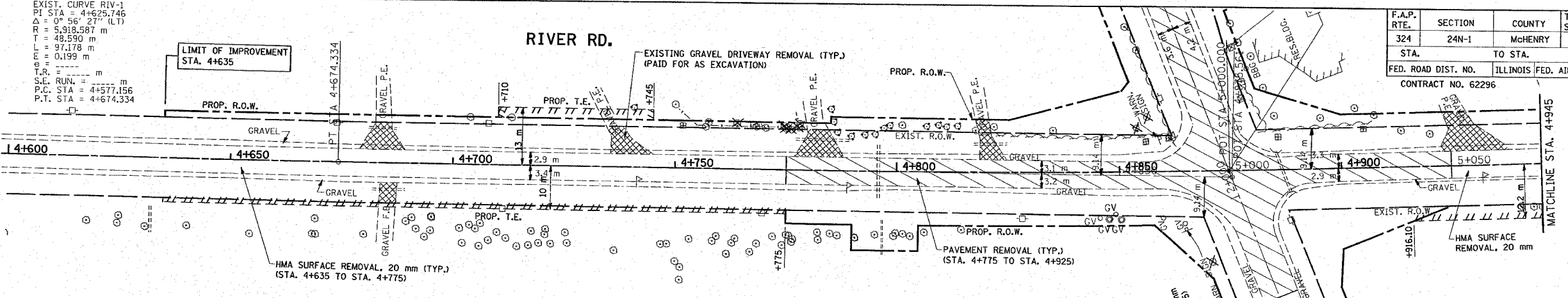


IL. RTE. 23 @ RIVER RD.  
EXISTING & PROPOSED  
ROADWAY PLAN  
SCALE: VERT. 1:50  
HORIZ. 1:500  
DATE: 2/11/2008  
DRAWN BY:  
CHECKED BY:

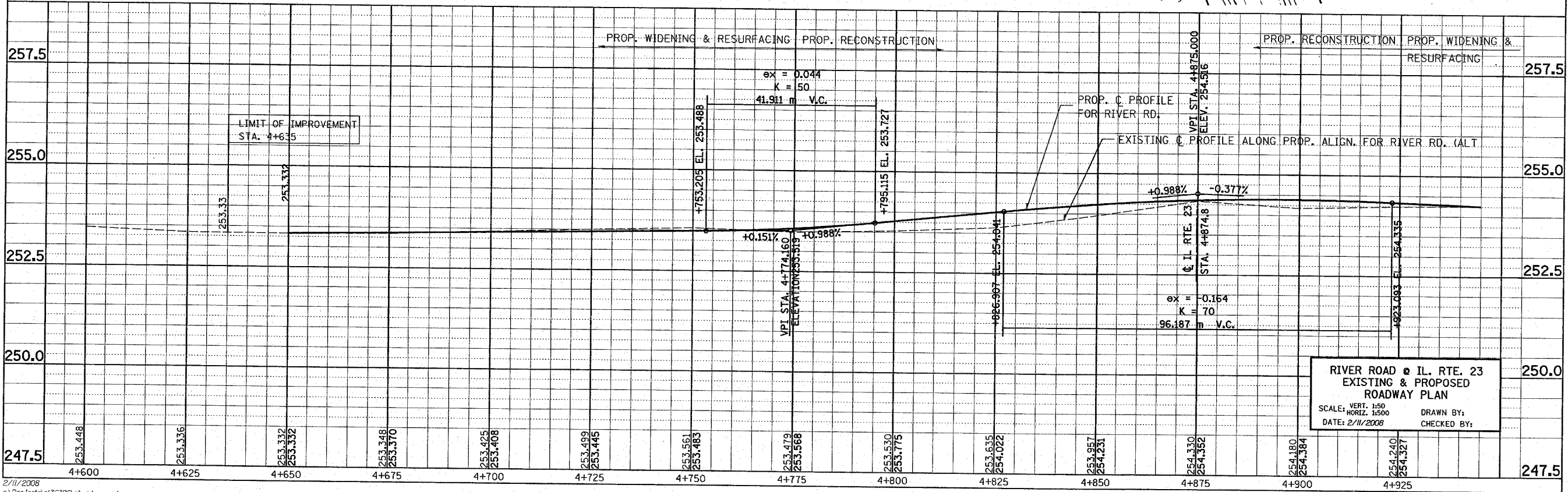
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REF-pro04  
REF-R1214

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	McHENRY	82	26
STA. 4+600 TO STA. 4+945		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62296				

EXIST. CURVE RIV-1  
PI STA = 4+625.746  
 $\Delta = 0^\circ 56' 27''$  (LT)  
R = 5,918.587 m  
T = 48.590 m  
L = 97.178 m  
E = 0.199 m  
e = 0.000 m  
T.R. = 0.000 m  
S.E. RUN. = 0.000 m  
P.C. STA = 4+577.156  
P.T. STA = 4+674.334



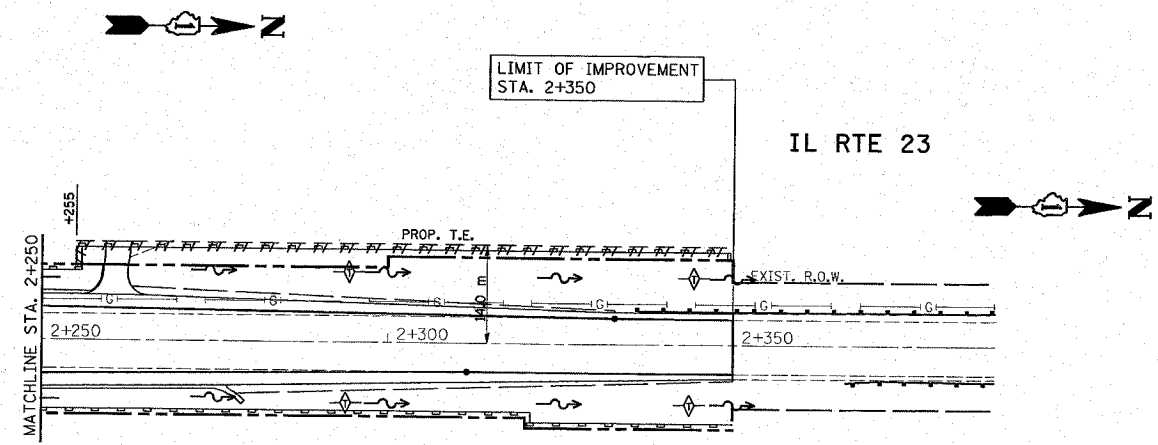
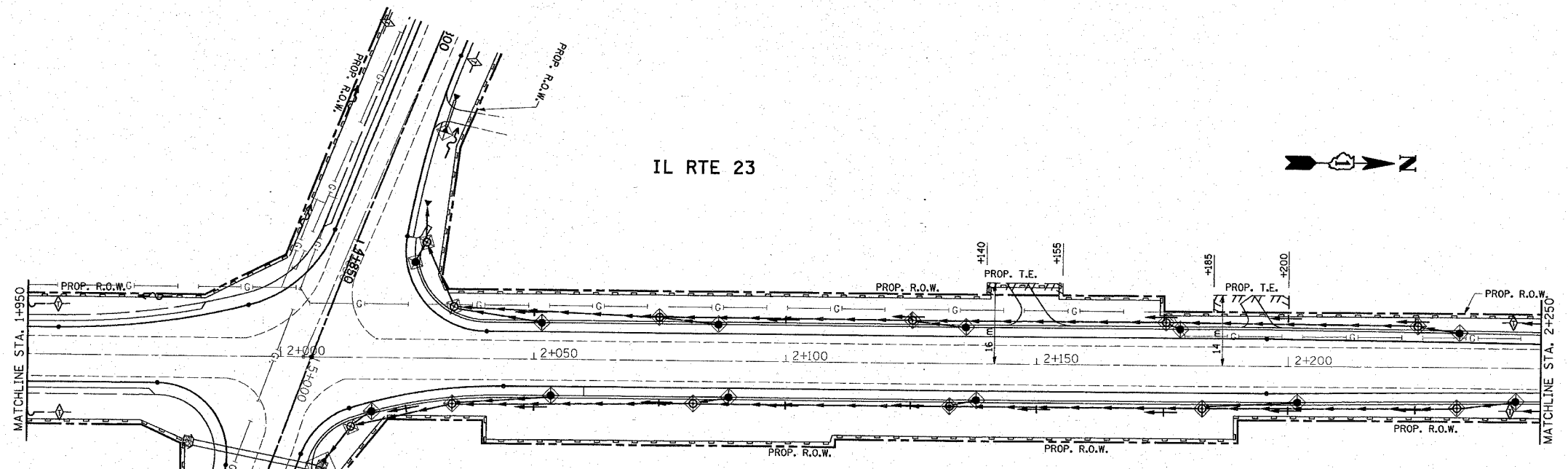
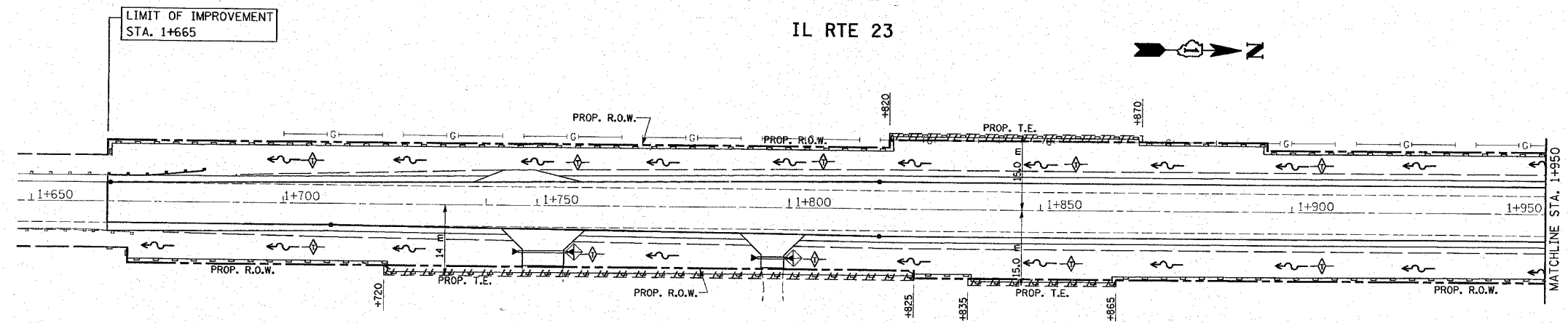
PROP. CURVE P\_RIV\_B-2  
PI STA = 4+843.208  
 $\Delta = 2^\circ 26' 54''$  (LT)  
R = 2,750.000 m  
T = 58.763 m  
L = 117.507 m  
E = 0.628 m  
e = 0.000 m  
T.R. = 0.000 m  
S.E. RUN. = 0.000 m  
P.C. STA = 4+784.445  
P.T. STA = 4+901.953





\*REF-ero1  
 \*REF-ero2  
 \*REF-ero3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	McHENRY	82	28
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**LEGEND**

- PERIMETER EROSION CONTROL BARRIER
- ◆ INLET FILTER
- ◆ TEMPORARY DITCH CHECK
- \* ITEMS TO BE INSTALLED BEFORE THE AREA IS DISTURBED

REVISIONS	
NAME	DATE

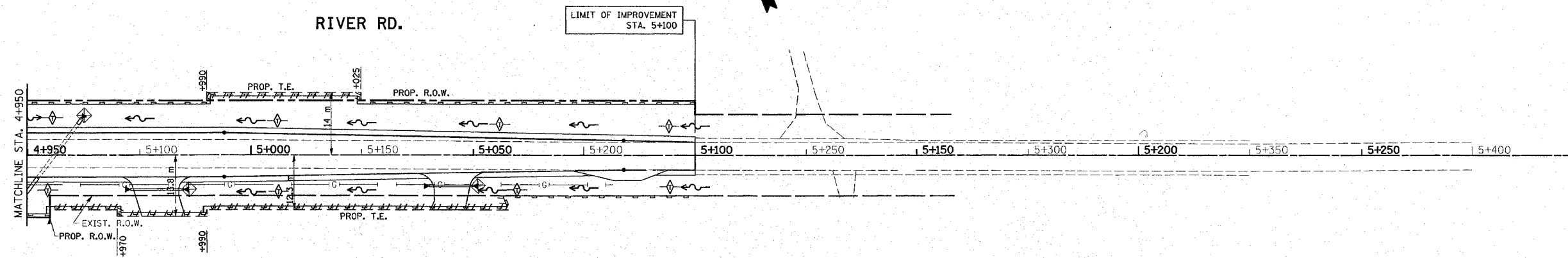
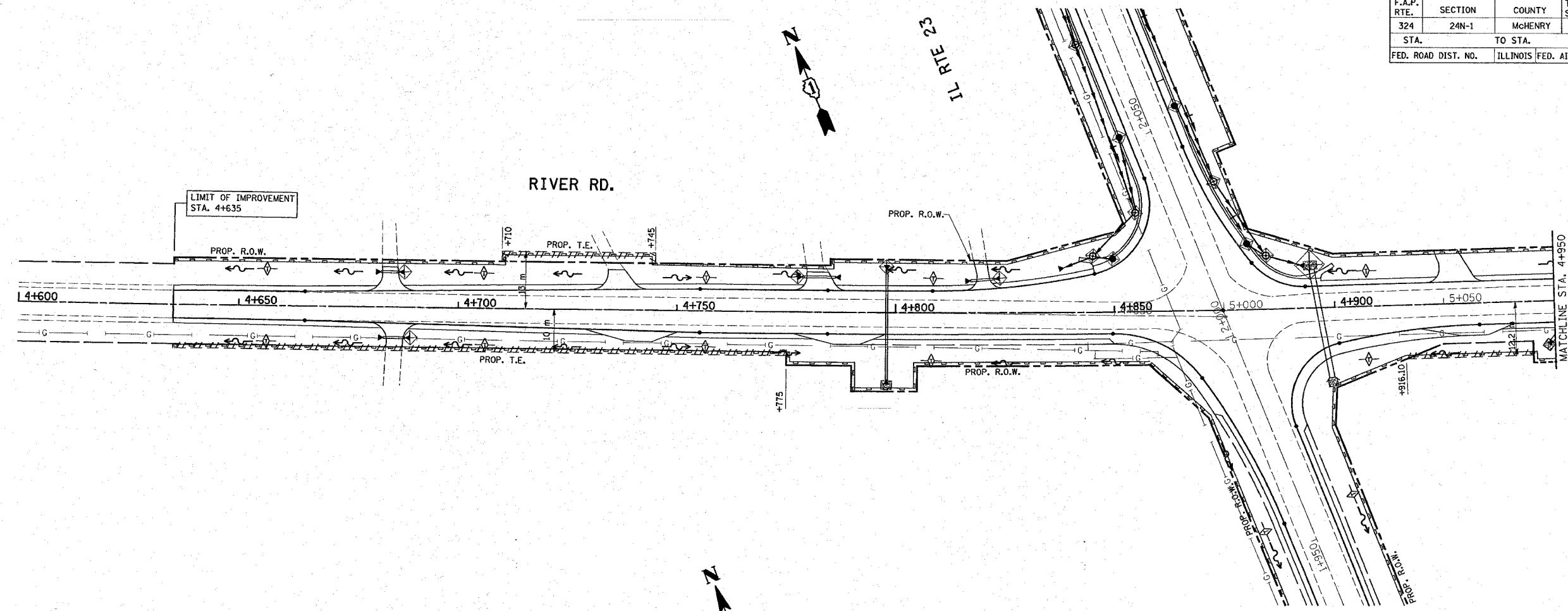
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**IL. RTE. 23**  
**PROPOSED**  
**EROSION CONTROL PLAN**

SCALE: VERT. 1:500  
 HORIZ. 1:500  
 DATE 2/11/2008




DRAWN BY  
 CHECKED BY

\*REF-er04  
\*REF-er05

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	McHENRY	82	29
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**LEGEND**

-  PERIMETER EROSION CONTROL BARRIER
-  INLET FILTER
-  TEMPORARY DITCH CHECK
- \* ITEMS TO BE INSTALLED BEFORE THE AREA IS DISTURBED

REVISIONS	
NAME	DATE

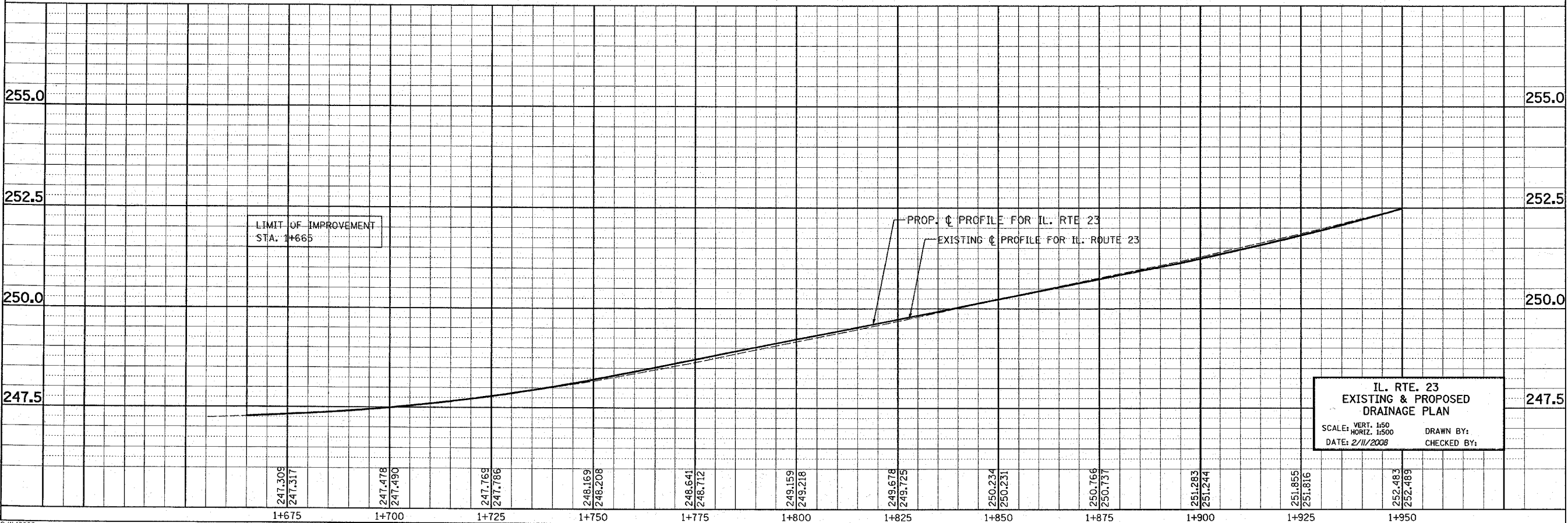
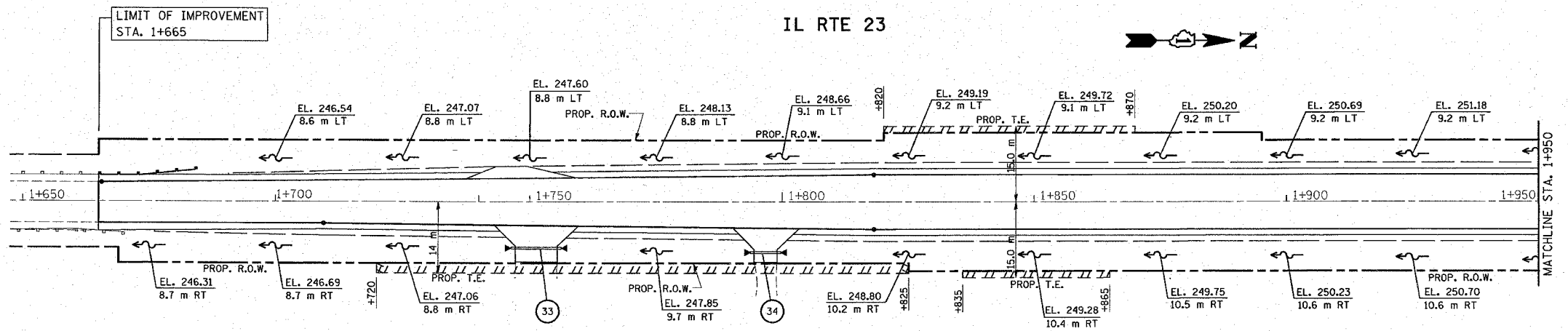
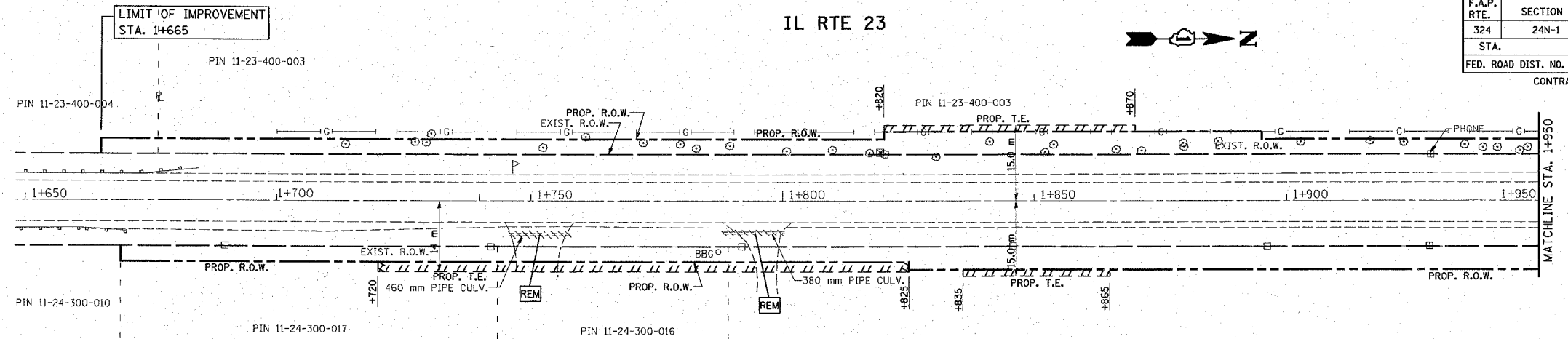
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**IL. RTE. 23**  
**PROPOSED**  
**EROSION CONTROL PLAN**

SCALE: VERT. 1:500  
 HORIZ. 1"=100'  
 DATE 2/11/2008

DRAWN BY  
 CHECKED BY

\*REF-edri  
 \*REF-dprr  
 \*REF-dprfl  
 \*REF-dpdl

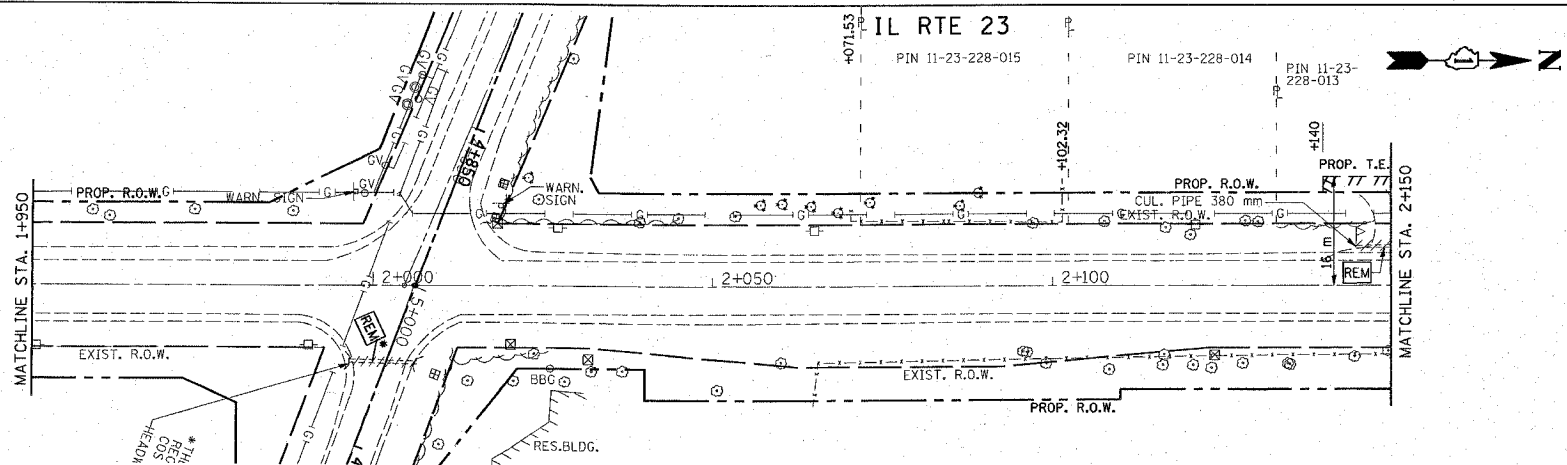
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	McHENRY	82	30
STA. 1+665		TO STA. 1+950		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62296				



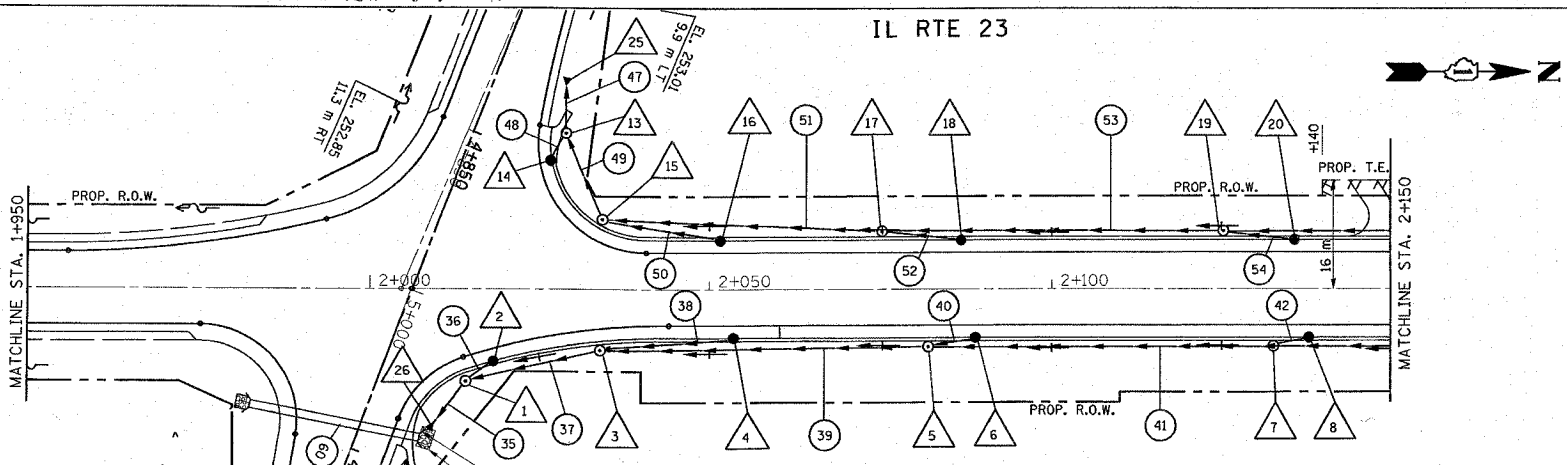
IL. RTE. 23  
 EXISTING & PROPOSED  
 DRAINAGE PLAN  
 SCALE: VERT. 1:50  
 HORIZ. 1:500  
 DATE: 2/11/2008  
 DRAWN BY:  
 CHECKED BY:

REF: ed2  
REF: d12  
REF: d12  
REF: d12

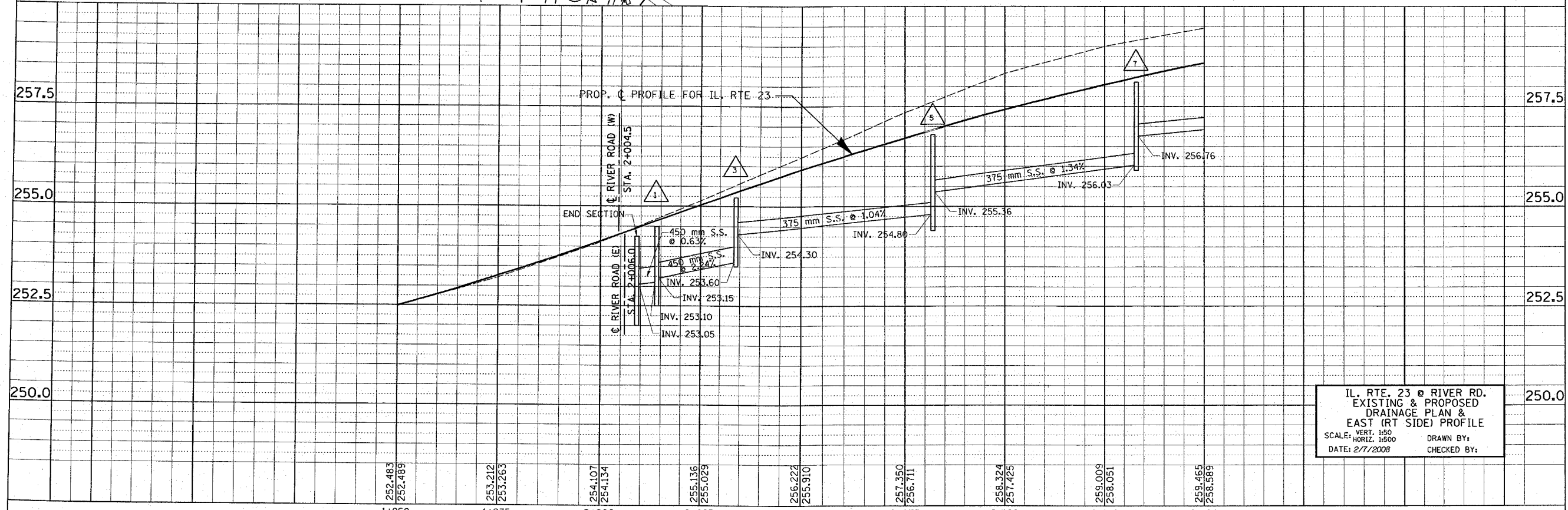
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	McHENRY	82	31
STA. 1+950		TO STA. 2+150		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62296				



EXISTING



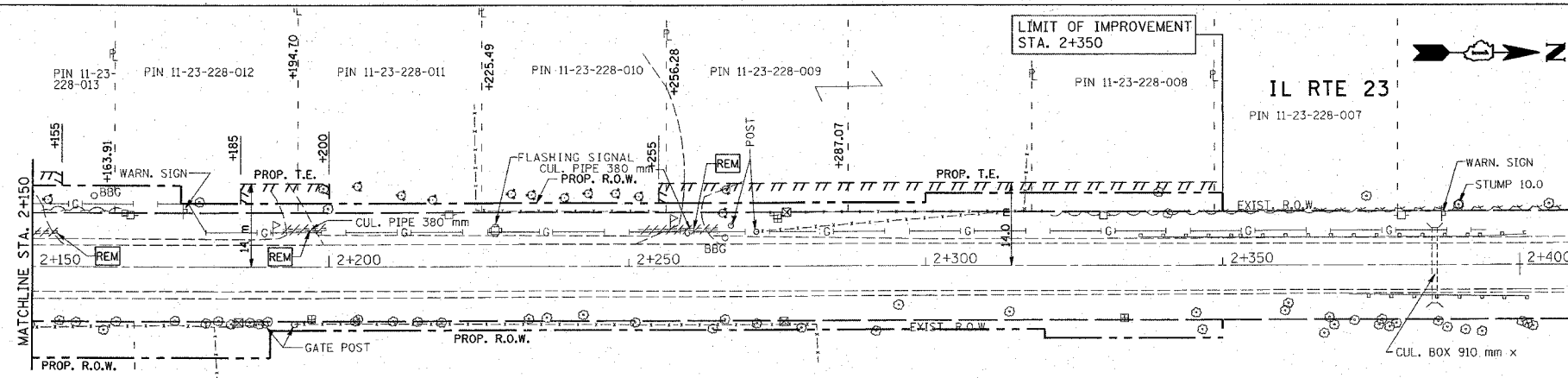
PROPOSED



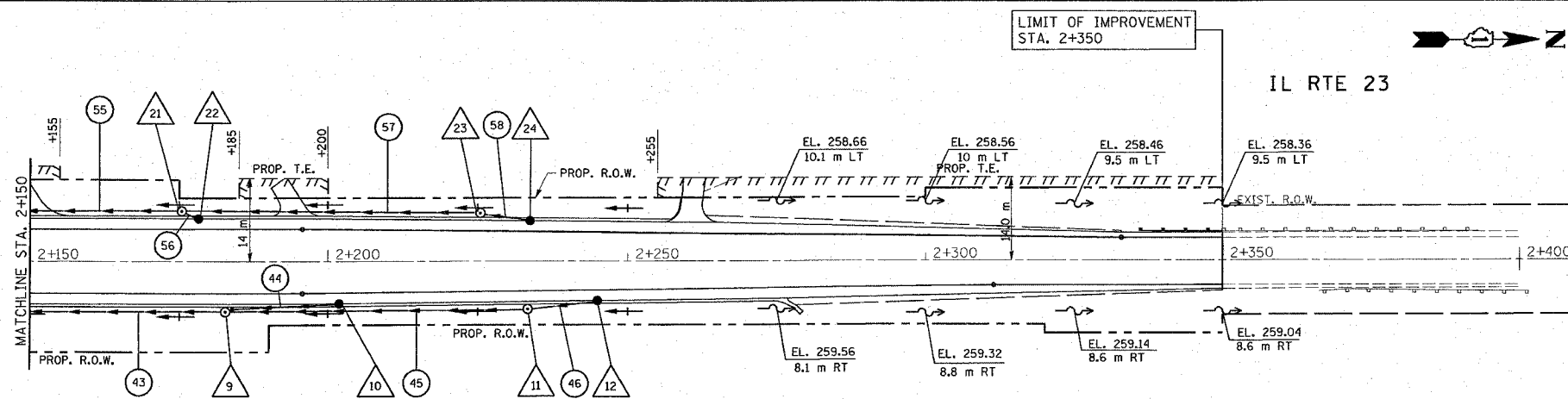
IL RTE. 23 @ RIVER RD.  
EXISTING & PROPOSED  
DRAINAGE PLAN &  
EAST (RT SIDE) PROFILE  
SCALE: VERT. 1:50  
HORIZ. 1:500  
DATE: 2/7/2008  
DRAWN BY:  
CHECKED BY:

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REF: pdr3  
REF: dpr3  
REF: dtd3

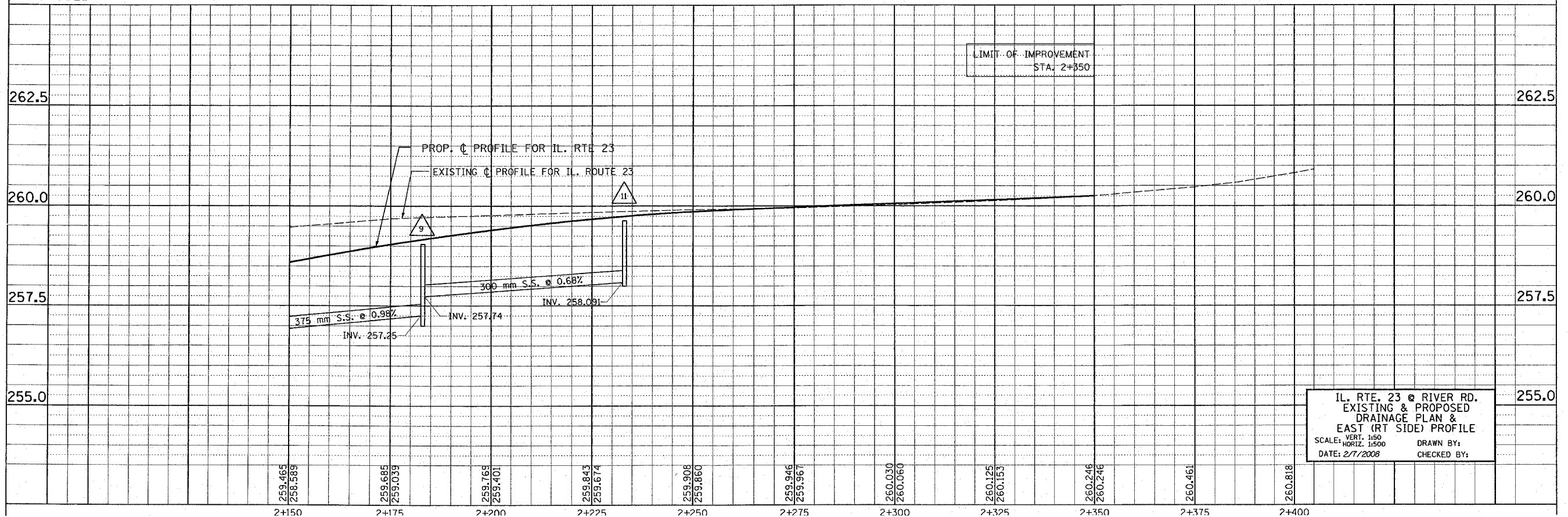
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	McHENRY	82	32
STA. 324		TO STA. 325		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62296				



EXISTING



PROPOSED

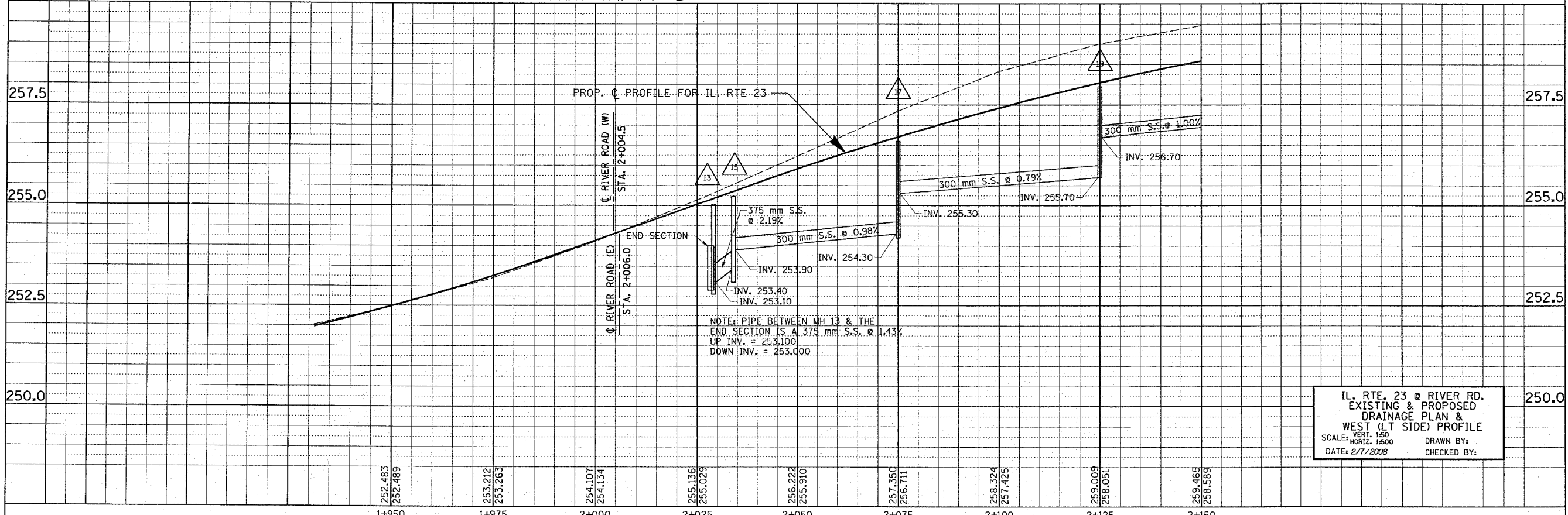
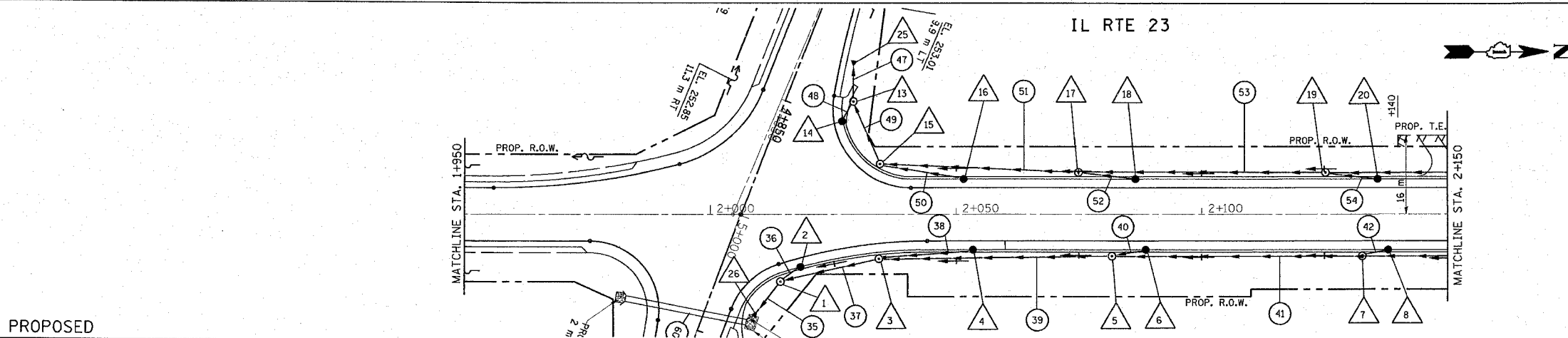
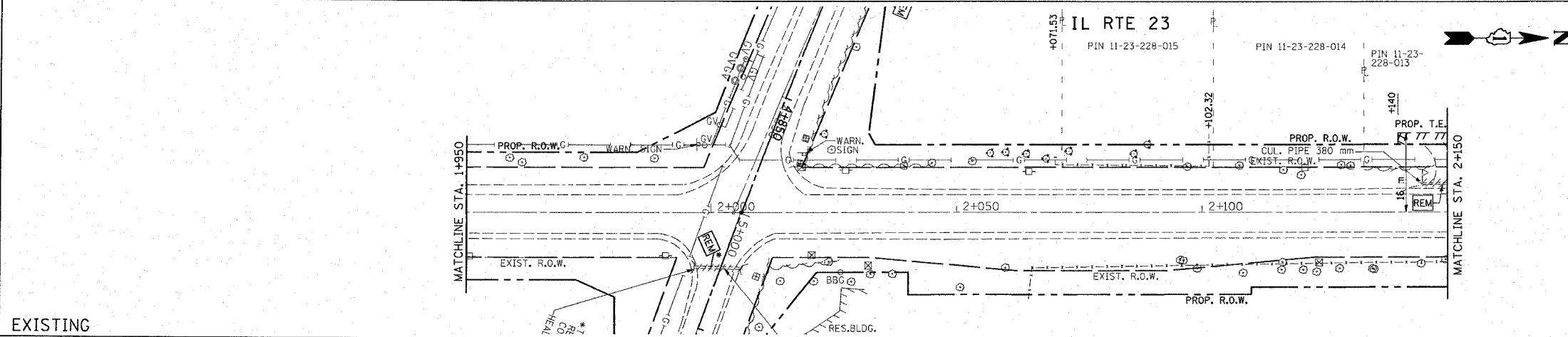


IL. RTE. 23 @ RIVER RD.  
EXISTING & PROPOSED  
DRAINAGE PLAN &  
EAST (RT SIDE) PROFILE  
SCALE: VERT. 1:50  
HORIZ. 1:500  
DATE: 2/7/2008  
DRAWN BY:  
CHECKED BY:



\*REF: edr2a  
 \*REF: ndr2a  
 \*REF: dpr12  
 \*REF: dx12

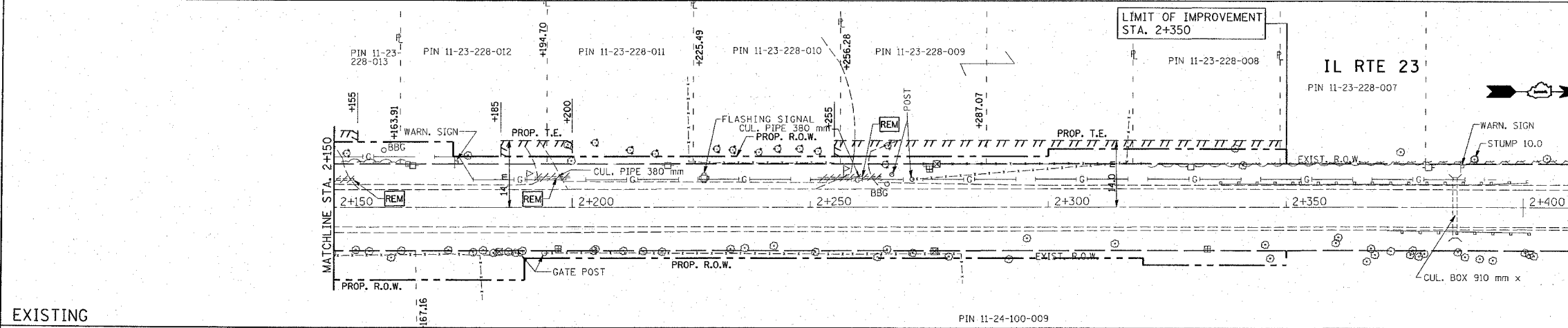
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	MCHENRY	82	33
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62296				



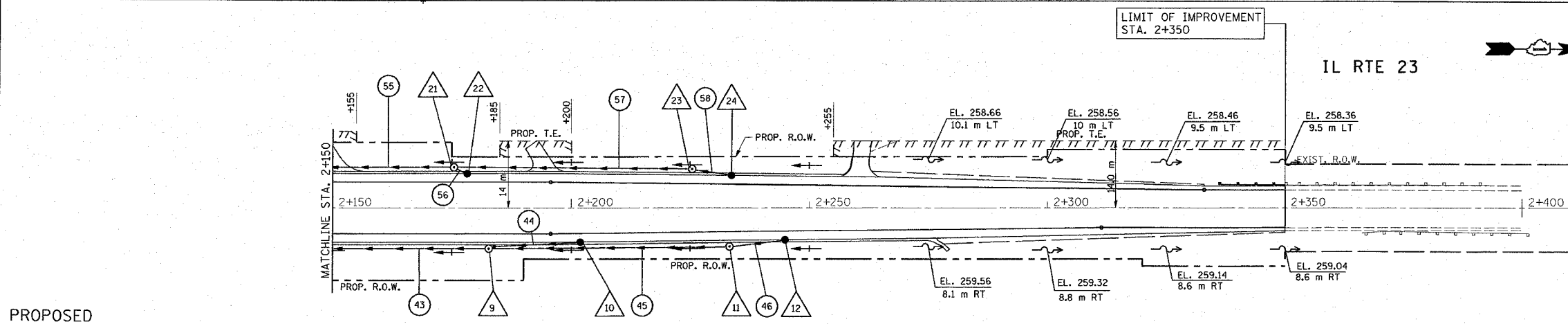
IL RTE. 23 @ RIVER RD.  
 EXISTING & PROPOSED  
 DRAINAGE PLAN &  
 WEST (LT SIDE) PROFILE  
 SCALE: VERT. 1"=50'  
 HORIZ. 1"=50'  
 DATE: 2/7/2008  
 DRAWN BY:  
 CHECKED BY:

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 REF-pdr 3a  
 REF-dpr 3  
 REF-dxt 3

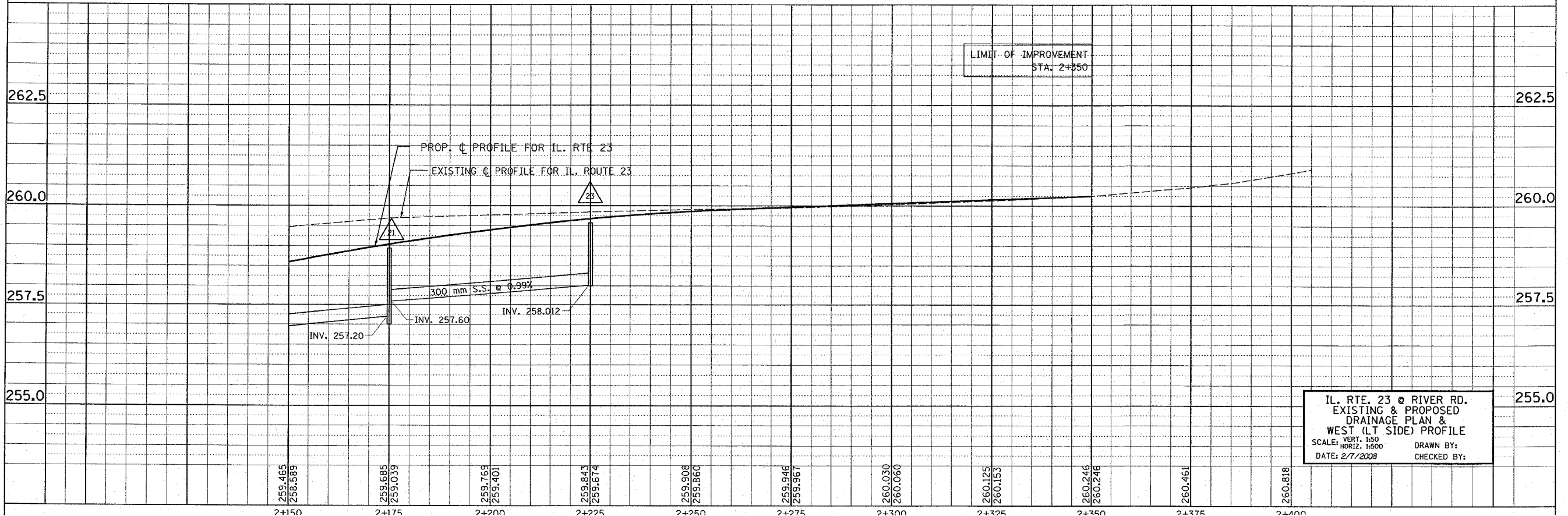
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.	SHEET NO.
324	24N-1	McHENRY	82	34
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62296				



EXISTING



PROPOSED

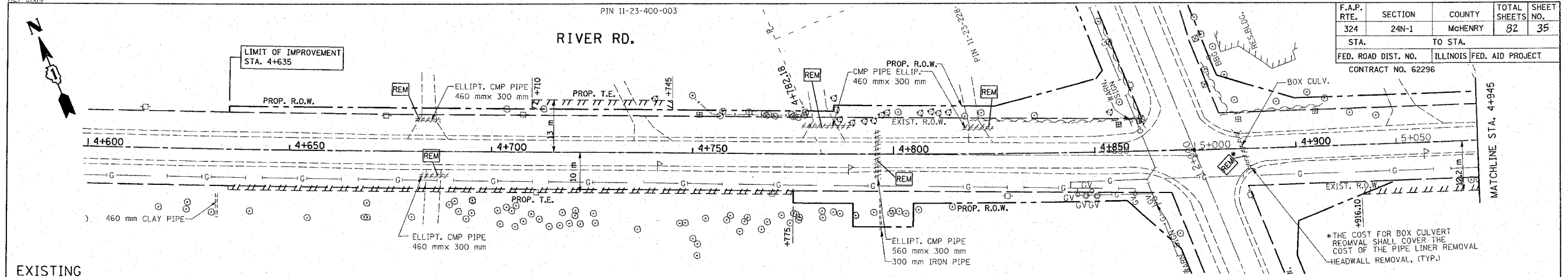


IL. RTE. 23 @ RIVER RD.  
 EXISTING & PROPOSED  
 DRAINAGE PLAN &  
 WEST (LT SIDE) PROFILE  
 SCALE: VERT. 1:50  
 HORIZ. 1:500  
 DATE: 2/1/2008  
 DRAWN BY:  
 CHECKED BY:

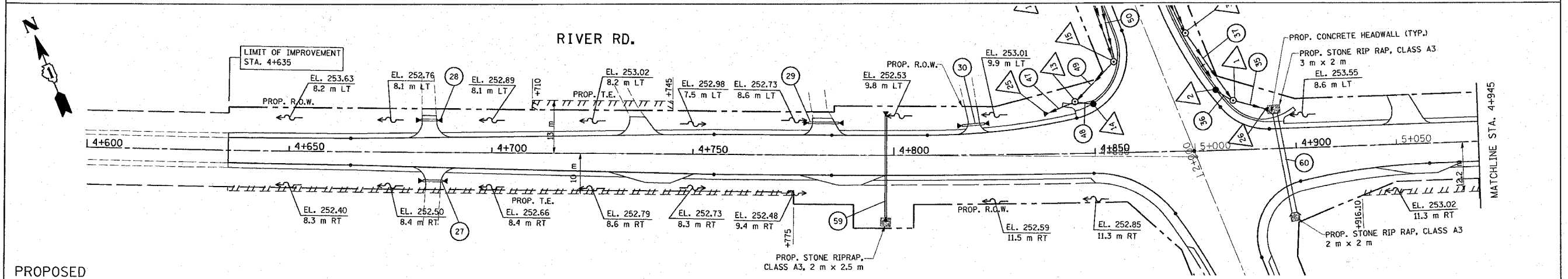
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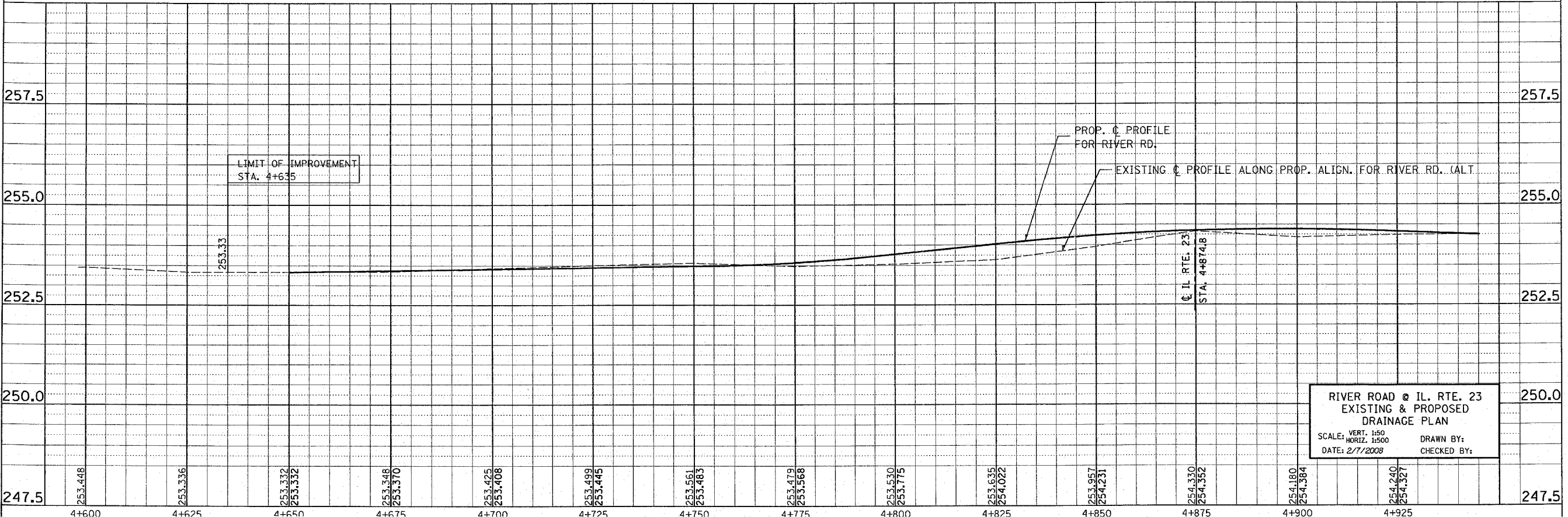
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	McHENRY	82	35
STA. 4+635		TO STA. 4+945		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62296				



EXISTING



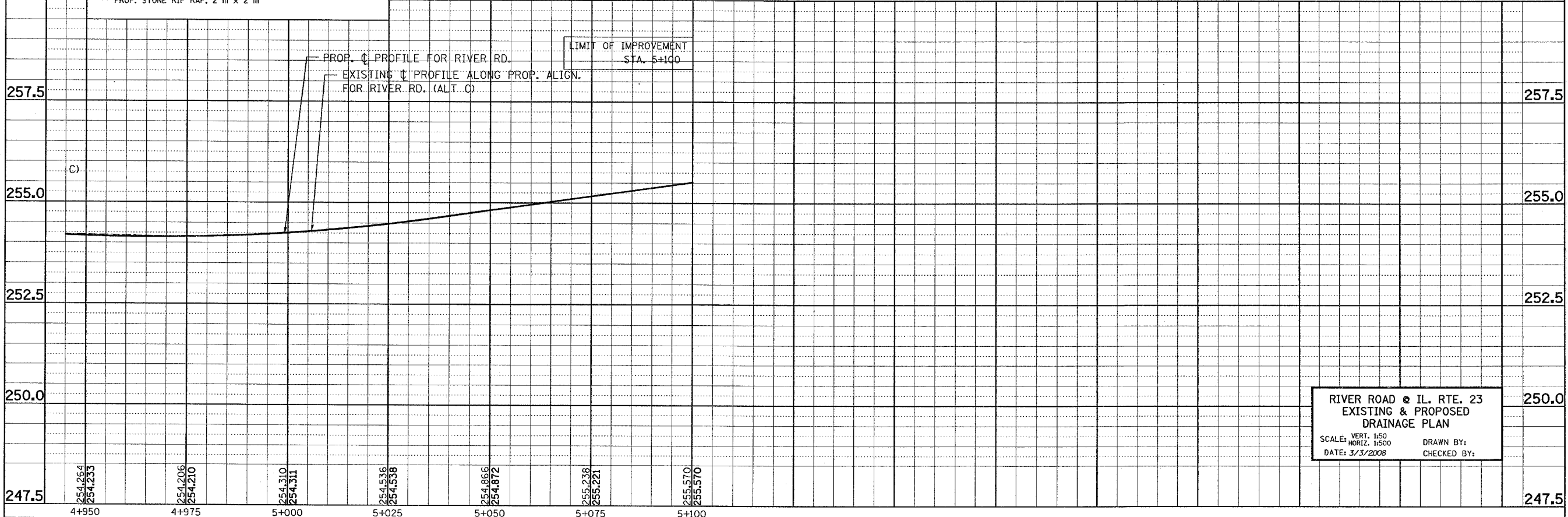
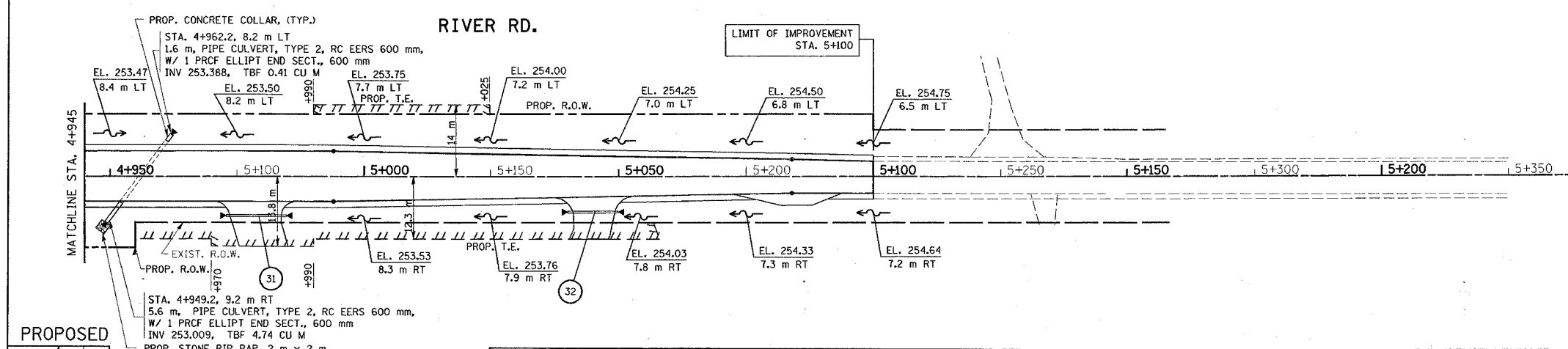
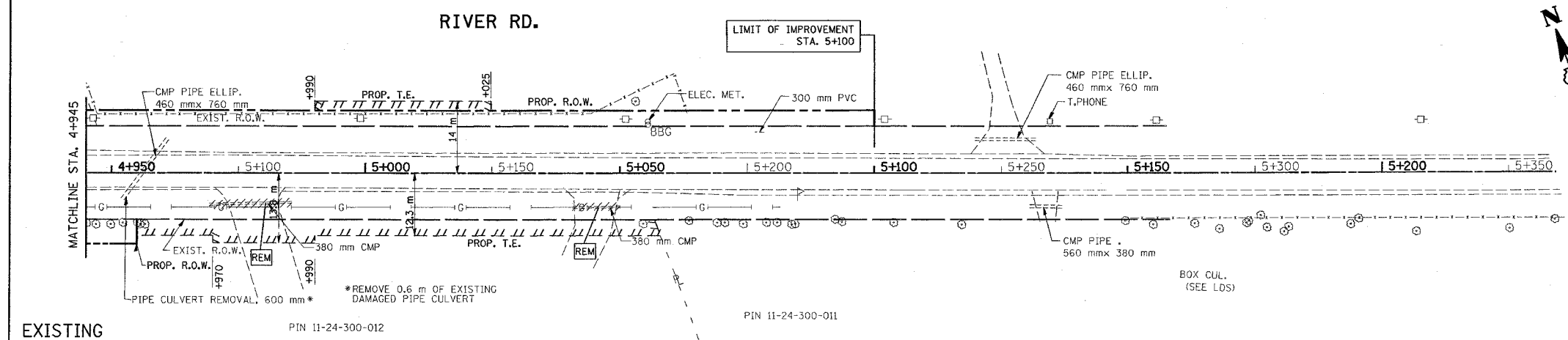
PROPOSED



RIVER ROAD @ IL. RTE. 23  
EXISTING & PROPOSED  
DRAINAGE PLAN  
SCALE: VERT. 1:50 HORIZ. 1:500  
DATE: 2/7/2008  
DRAWN BY:  
CHECKED BY:

REF: dpr5  
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REF: dpr5

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	McHENRY	82	36
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62296				



RIVER ROAD @ IL. RTE. 23  
EXISTING & PROPOSED  
DRAINAGE PLAN

SCALE: VERT. 1:50  
HORIZ. 1:500

DATE: 3/3/2008

DRAWN BY:  
CHECKED BY:

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	McHENRY	82	37
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62296				

1 STA. 2+014, 13.7 m RT  
MH, T-A, 1.2 m DIA  
W/ T-1 F.C.L.  
T.G. 254.487  
INV 253.150 N  
INV 253.100 S  
INV 253.581 NW

2 STA. 2+018, 10.7 m RT  
CB, T-A, 1.2 m DIA  
W/ T-23 F&G.  
T.G. 254.56  
INV 253.632  
FLAT SLAB TOP

3 STA. 2+034, 9.0 m RT  
MH, T-A, 1.2 m DIA  
W/ T-1 F.C.L.  
T.G. 255.218  
INV 254.300 N  
INV 253.600 S  
INV 254.105 NW

4 STA. 2+053, 7.2 m RT  
CB, T-A, 1.2 m DIA  
W/ T-23 F&G.  
T.G. 255.840  
INV 254.300

5 STA. 2+082, 8.5 m RT  
MH, T-A, 1.2 m DIA  
W/ T-1 F.C.L.  
T.G. 256.796  
INV 255.360 N  
INV 254.800 S  
INV 255.311 NW

6 STA. 2+089, 7.2 m RT  
CB, T-A, 1.2 m DIA  
W/ T-23 F&G.  
T.G. 256.922  
INV 255.380

7 STA. 2+133, 8.5 m RT  
MH, T-A, 1.2 m DIA  
W/ T-1 F.C.L.  
T.G. 258.111  
INV 256.760 N  
INV 256.030 S  
INV 256.546 NW

8 STA. 2+138, 7.2 m RT  
CB, T-A, 1.2 m DIA  
W/ T-23 F&G.  
T.G. 258.151  
INV 256.611

9 STA. 2+183, 8.5 m RT  
MH, T-A, 1.2 m DIA  
W/ T-1 F.C.L.  
T.G. 259.044  
INV 257.740 N  
INV 257.250 S  
INV 257.501 NW

10 STA. 2+202, 7.1 m RT  
CB, T-A, 1.2 m DIA  
W/ T-23 F&G.  
T.G. 259.243  
INV 257.703

11 STA. 2+233, 8.1 m RT  
MH, T-A, 1.2 m DIA  
W/ T-1 F.C.L.  
T.G. 259.635  
INV 258.091 S  
INV 258.610 N

12 STA. 2+245, 6.7 m RT  
CB, T-A, 1.2 m DIA  
W/ T-8 GRATE  
T.G. 259.657  
INV 258.727  
FLAT SLAB TOP

13 STA. 2+029, 23.0 m LT  
MH, T-A, 1.2 m DIA  
W/ T-1 F.C.L.  
T.G. 255.026  
INV 253.100 NE  
INV 253.000 W  
INV 253.281 SE

14 STA. 2+027, 18.9 m LT  
CB, T-A, 1.2 m DIA  
W/ T-23 F&G.  
T.G. 254.870  
INV 253.330

15 STA. 2+034, 10.2 m LT  
MH, T-A, 1.2 m DIA  
W/ T-1 F.C.L.  
T.G. 255.227  
INV 253.900 N  
INV 253.400 SW  
INV 254.064 NE

16 STA. 2+052, 7.2 m LT  
CB, T-A, 1.2 m DIA  
W/ T-23 F&G.  
T.G. 255.779  
INV 254.239

17 STA. 2+075, 8.5 m LT  
MH, T-A, 1.2 m DIA  
W/ T-1 F.C.L.  
T.G. 256.603  
INV 255.300 N  
INV 254.300 S  
INV 255.205 NE

18 STA. 2+087, 7.2 m LT  
CB, T-A, 1.2 m DIA  
W/ T-23 F&G.  
T.G. 256.862  
INV 255.322

19 STA. 2+125, 8.5 m LT  
MH, T-A, 1.2 m DIA  
W/ T-1 F.C.L.  
T.G. 257.950  
INV 256.700 N  
INV 255.700 S  
INV 256.457 NE

20 STA. 2+136, 7.2 m LT  
CB, T-A, 1.2 m DIA  
W/ T-23 F&G.  
T.G. 258.105  
INV 256.565

21 STA. 2+175, 8.5 m LT  
MH, T-A, 1.2 m DIA  
W/ T-1 F.C.L.  
T.G. 258.938  
INV 257.600 N  
INV 257.200 S  
INV 257.334 NE

22 STA. 2+178, 7.2 m LT  
CB, T-A, 1.2 m DIA  
W/ T-23 F&G.  
T.G. 258.906  
INV 257.366

23 STA. 2+225, 8.1 m LT  
MH, T-A, 1.2 m DIA  
W/ T-1 F.C.L.  
T.G. 259.574  
INV 258.012 S  
INV 258.568 N

24 STA. 2+233.71, 6.8 m LT  
CB, T-A, 1.2 m DIA  
W/ T-8 GRATE  
T.G. 259.570  
INV 258.640  
FLAT SLAB TOP

25 STA. 4+838, 10.0 m LT  
PRC FLARED END SECTION 375 mm  
INV 253.049

26 STA. 4+893, 9.7 m LT  
PRC FLARED END SECTION 450 mm  
INV 253.050

27 STA. 4+685, 7.0 m RT  
5 m, 450 mm PIPE CULVERT  
CLASS A, TYPE 1  
W/ 2 PRCF END SECTIONS, 450 mm  
INV 252.518 W  
INV 252.542 E  
TBF 0.20 CU M

28 STA. 4+685, 8.0 m LT  
5 m, 450 mm PIPE CULVERT  
CLASS A, TYPE 1  
W/ 2 PRCF END SECTIONS, 450 mm  
INV 252.780 W  
INV 252.800 E  
TBF 0.04 CU M

29 STA. 4+782, 8.0 m LT  
8 m, 450 mm PIPE CULVERT  
CLASS A, TYPE 1  
W/ 2 PRCF END SECTIONS, 450 mm  
INV 252.641 E  
INV 252.679 W  
TBF 1.90 CU M

30 STA. 4+820, 7.6 m LT  
6 m, 450 mm PIPE CULVERT  
CLASS A, TYPE 1  
W/ 2 PRCF END SECTIONS, 450 mm  
INV 252.886 W  
INV 252.914 E  
TBF 1.95 CU M

31 STA. 4+979, 7.8 m RT  
12 m, 375 mm PIPE CULVERT  
CLASS A, TYPE 1  
W/ 2 PRCF END SECTIONS, 375 mm  
INV 253.160 W  
INV 253.220 E  
TBF 2.32 CU M

32 STA. 5+043, 7.0 m RT  
10 m, 375 mm PIPE CULVERT  
CLASS A, TYPE 1  
W/ 2 PRCF END SECTIONS, 375 mm  
INV 253.795 W  
INV 253.845 E  
TBF 1.19 CU M

33 STA. 1+751, 9.2 m RT  
10 m, 450 mm PIPE CULVERT  
CLASS A, TYPE 1  
W/ 2 PRCF END SECTIONS, 450 mm  
INV 247.415 S  
INV 247.465 N  
TBF 1.17 CU M

34 STA. 1+797, 10.0 m RT  
6 m, 375 mm PIPE CULVERT  
CLASS A, TYPE 1  
W/ 2 PRCF ELLIPTICAL END SECTIONS, 375 mm  
INV 248.245 S  
INV 248.275 N  
TBF 0.28 CU M

35 STA 4+893 TO 2+014  
STORM SEWER, CLASS A, TYPE 2,  
450 mm, 7 m  
W/ PRC FLARED END SECTION,  
450 mm, INV. 253.05

36 STA 2+014 TO 2+018  
STORM SEWER, CLASS A TYPE 1,  
450 mm, 4 m

37 STA 2+014 TO 2+034  
STORM SEWER, CLASS A TYPE 2,  
450 mm, 19 m

38 STA 2+034 TO 2+053  
STORM SEWER, CLASS A TYPE 1,  
375 mm, 19 m

39 STA 2+034 TO 2+082  
STORM SEWER, CLASS A, TYPE 2,  
375 mm, 47 m

40 STA 2+082 TO 2+089  
STORM SEWER, CLASS A, TYPE 1,  
375 mm, 6 m

41 STA 2+082 TO 2+133  
STORM SEWER, CLASS A, TYPE 2,  
375 mm, 50 m

42 STA 2+133 TO 2+138  
STORM SEWER, CLASS A, TYPE 1,  
375 mm, 6 m

43 STA 2+133 TO 2+183  
STORM SEWER, CLASS A, TYPE 2,  
375 mm, 45 m

44 STA 2+183 TO 2+202  
STORM SEWER, CLASS A, TYPE 1,  
300 mm, 19 m

45 STA 2+183 TO 2+233  
STORM SEWER, CLASS A, TYPE 2,  
300 mm, 50 m

46 STA 2+233 TO 2+245  
STORM SEWER, CLASS A TYPE 1,  
300 mm, 11 m

47 STA 4+838 TO 2+029  
STORM SEWER, CLASS A, TYPE 2,  
375 mm, 7 m  
W/ PRC FLARED END SECTION,  
375 mm, INV. 253.049

48 STA 2+029 TO 2+027  
STORM SEWER, CLASS A TYPE 1,  
375 mm, 4 m

49 STA 2+029 TO 2+034  
STORM SEWER, CLASS A TYPE 2,  
375 mm, 13 m

50 STA 2+034 TO 2+052  
STORM SEWER, CLASS A TYPE 1,  
300 mm, 17 m

51 STA 2+034 TO 2+075  
STORM SEWER, CLASS A, TYPE 2,  
300 mm, 39 m

52 STA 2+075 TO 2+087  
STORM SEWER, CLASS A, TYPE 1,  
300 mm, 11 m

53 STA 2+075 TO 2+125  
STORM SEWER, CLASS A, TYPE 2,  
300 mm, 49 m

54 STA 2+125 TO 2+136  
STORM SEWER, CLASS A, TYPE 1,  
300 mm, 10 m

55 STA 2+125 TO 2+175  
STORM SEWER, CLASS A, TYPE 2,  
300 mm, 49 m

56 STA 2+175 TO 2+178  
STORM SEWER, CLASS A TYPE 1,  
300 mm, 2 m

57 STA 2+175 TO 2+225  
STORM SEWER, CLASS A TYPE 2,  
300 mm, 49 m

58 STA 2+225 TO 2+234  
STORM SEWER, CLASS A TYPE 1,  
300 mm, 6 m

59 STA. 4+798, 9.8 m LT, 15.5 m RT  
25 m, 450 mm PIPE CULVERT  
CLASS A, TYPE 1  
W/ 2 PRCF END SECTIONS, 450 mm  
INV 252.500 N  
INV 252.250 S  
TBF 107.68 CU M

60 STA. 4+895, 8.7 m LT  
STA. 4+899, 16.0 m RT  
25 m, 900 mm PIPE CULVERT  
CLASS A, TYPE 2  
INV 253.000 N  
INV 252.500 S  
TBF 187.15 CU M

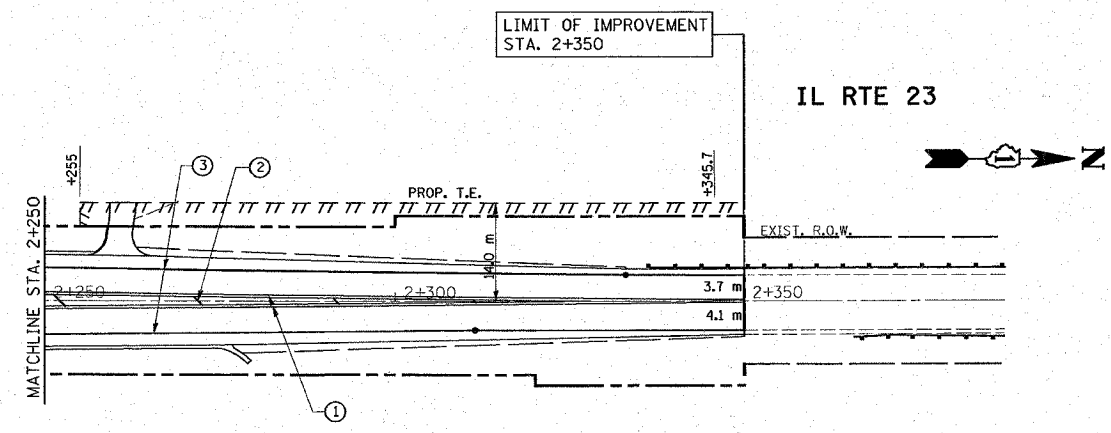
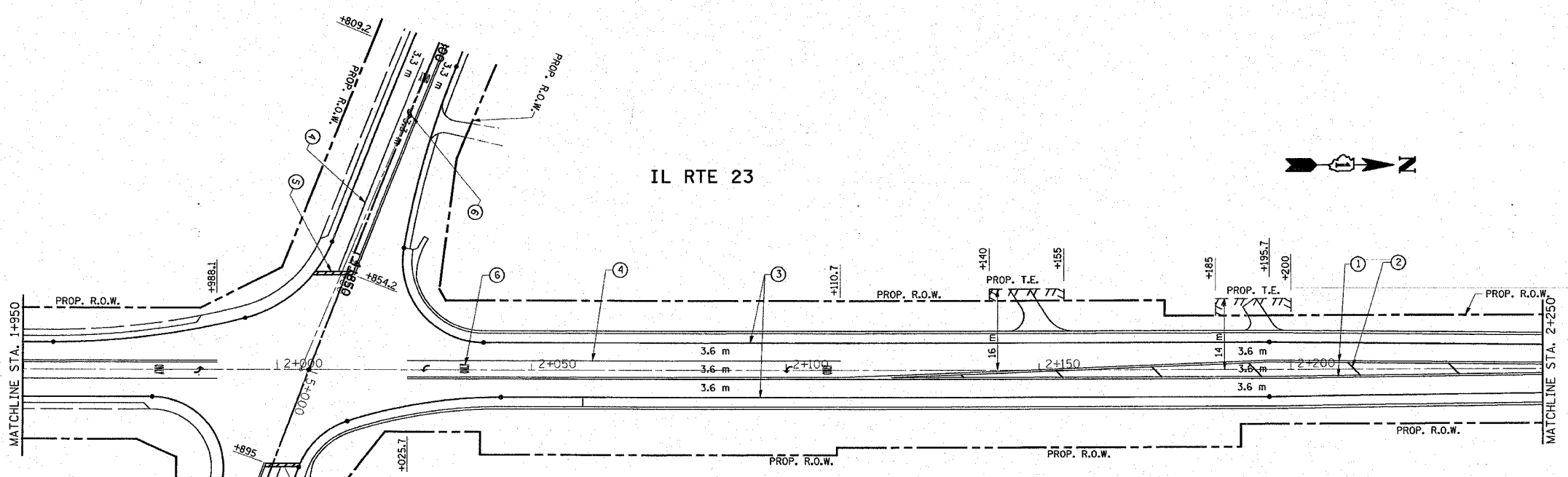
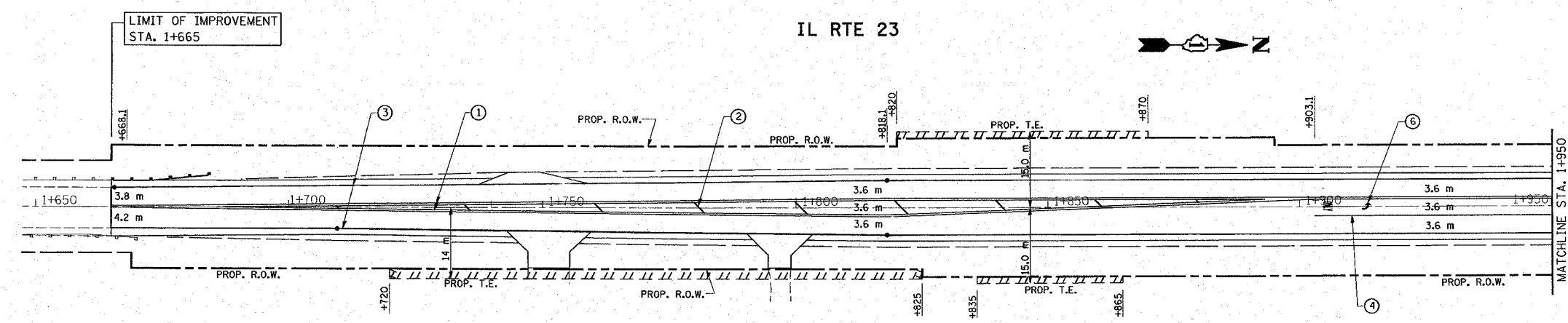
NOTE:  
RUBBER GASKETS ARE PROPOSED AT ALL CONNECTIONS  
ON ALL STORM SEWER PIPES.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
IL-23 AT RIVER ROAD  
DRAINAGE STRUCTURES AND PIPES SCHEDULE  
DRAWN BY  
CHECKED BY  
DATE 3/3/2008

\*REF-pmk1  
\*REF-pmk2  
\*REF-pmk3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	McHENRY	82	38
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- LEGEND**
- ① PROP. THERMOPLASTIC PAVEMENT MARKING LINE 100 mm, DOUBLE YELLOW LINE
  - ② PROP. THERMOPLASTIC PAVEMENT MARKING LINE 300 mm, YELLOW DIAGONAL @ 45°, 6 m (20') C-C
  - ③ PROP. THERMOPLASTIC PAVEMENT MARKING LINE 100 mm, WHITE SOLID EDGE LINE
  - ④ PROP. THERMOPLASTIC PAVEMENT MARKING LINE 150 mm, WHITE SOLID TURN LANE LINE
  - ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING LINE 600 mm, WHITE STOP BAR
  - ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, WHITE

REVISIONS	
NAME	DATE

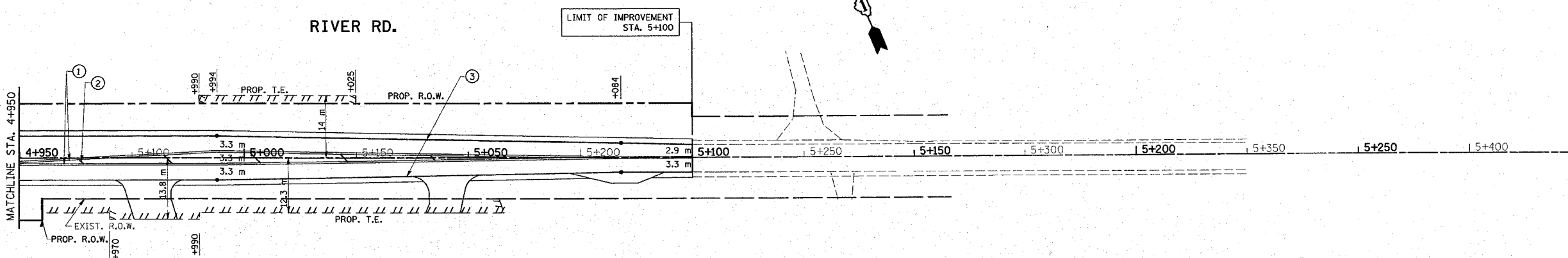
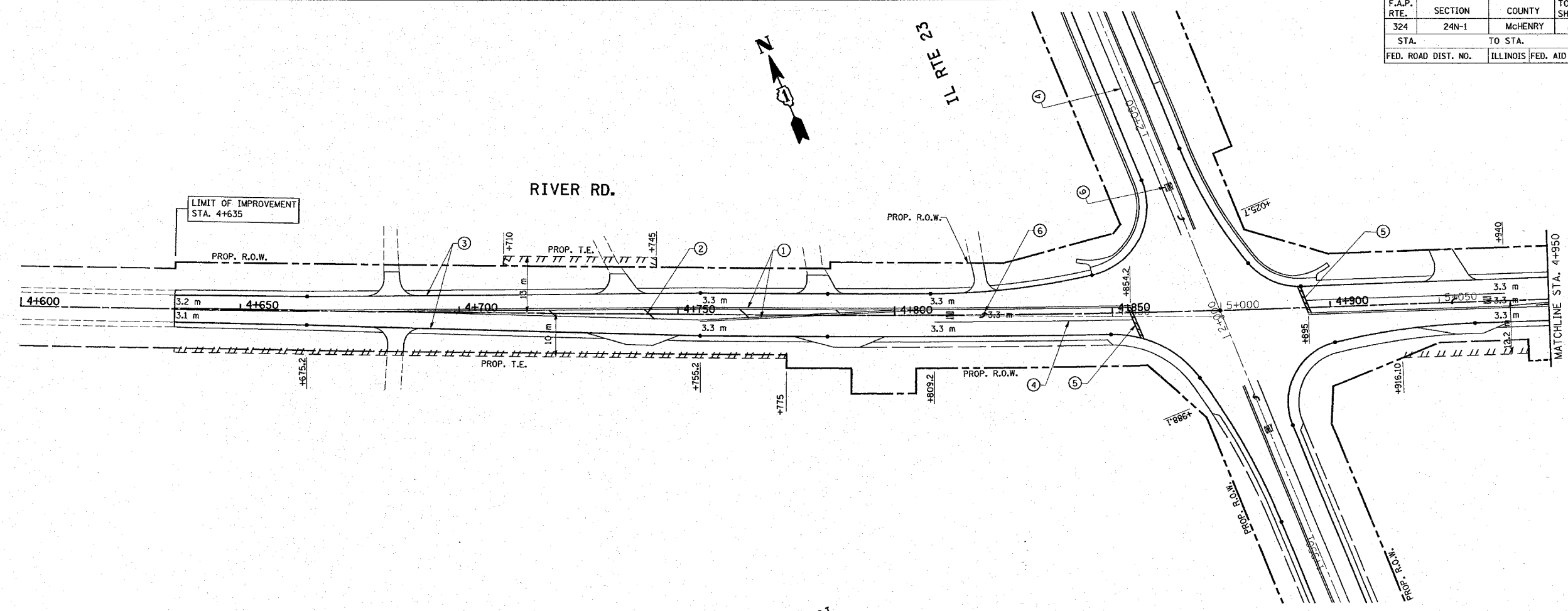
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**IL. RTE. 23**  
**PROPOSED**  
**PAVEMENT MARKING PLAN**

SCALE: VERT: 1:500  
 HORIZ: 1:500  
 DATE 2/11/2008

DRAWN BY  
 CHECKED BY

\*REF-pmk4  
\*REF-pmk5

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	McHENRY	82	39
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- LEGEND**
- ① PROP. THERMOPLASTIC PAVEMENT MARKING LINE 100 mm, DOUBLE YELLOW LINE
  - ② PROP. THERMOPLASTIC PAVEMENT MARKING LINE 300 mm, YELLOW DIAGONAL @ 45°, 6 m (20') C-C
  - ③ PROP. THERMOPLASTIC PAVEMENT MARKING LINE 100 mm, WHITE SOLID EDGE LINE
  - ④ PROP. THERMOPLASTIC PAVEMENT MARKING LINE 150 mm, WHITE SOLID TURN LANE LINE
  - ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING LINE 600 mm, WHITE STOP BAR
  - ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, WHITE

REVISIONS	
NAME	DATE

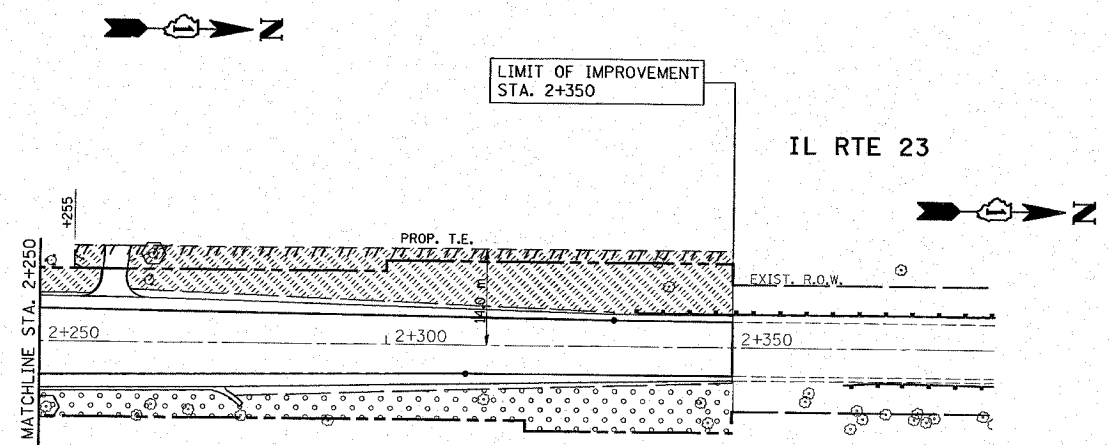
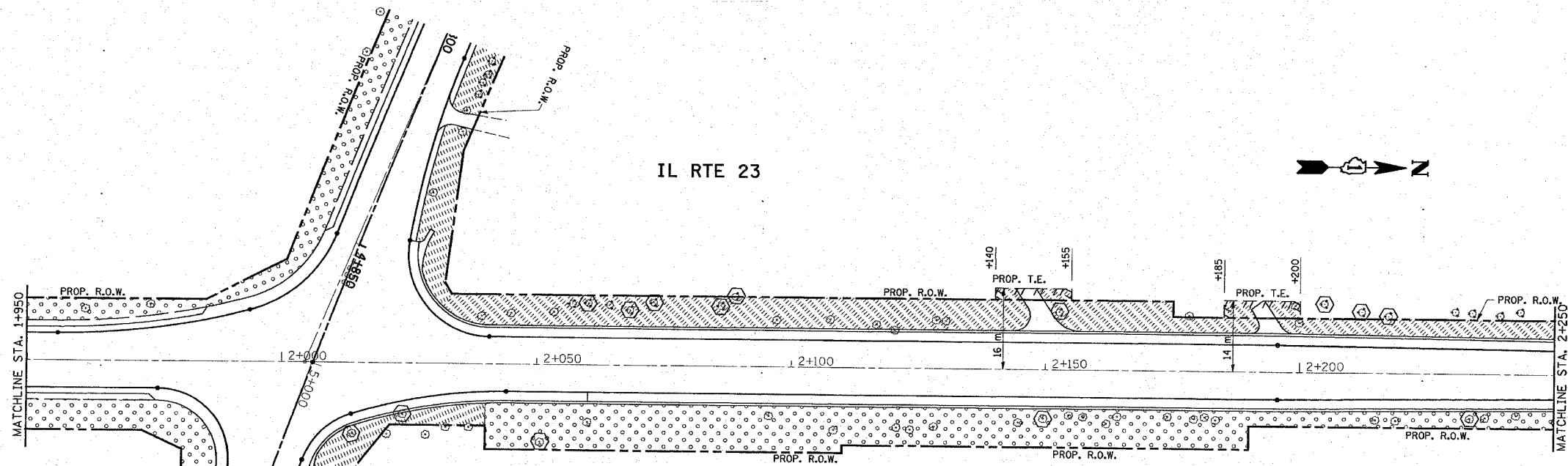
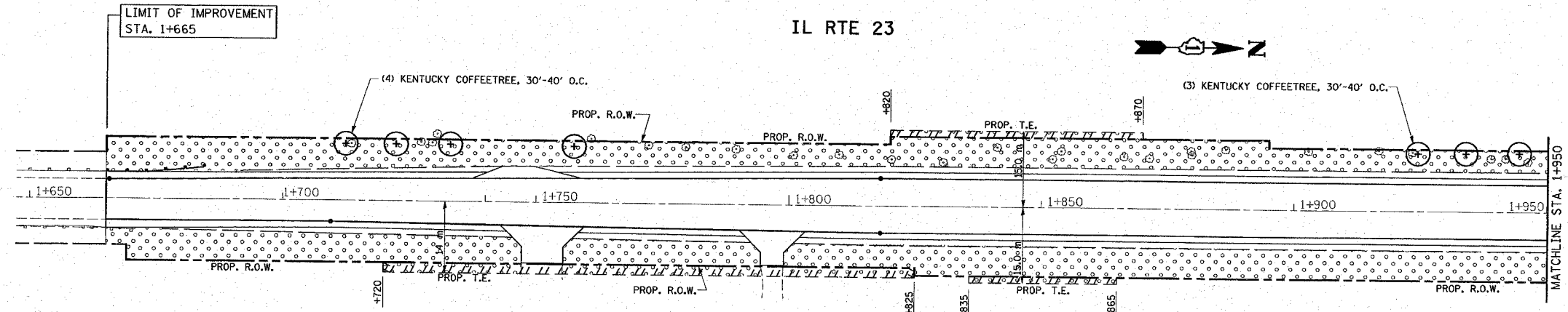
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**IL. RTE. 23**  
**PROPOSED**  
**PAVEMENT MARKING PLAN**

SCALE: VERT. 1:500  
 HORIZ. 1:500  
 DATE 2/11/2008

DRAWN BY  
 CHECKED BY

\*REF-land01  
 \*REF-land02  
 \*REF-land03

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	McHENRY	82	40
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



**LEGEND**

- TREE PROTECTION
- SEEDING, CLASS 2A
- SODDING, SALT TOLERANT

REVISIONS	
NAME	DATE

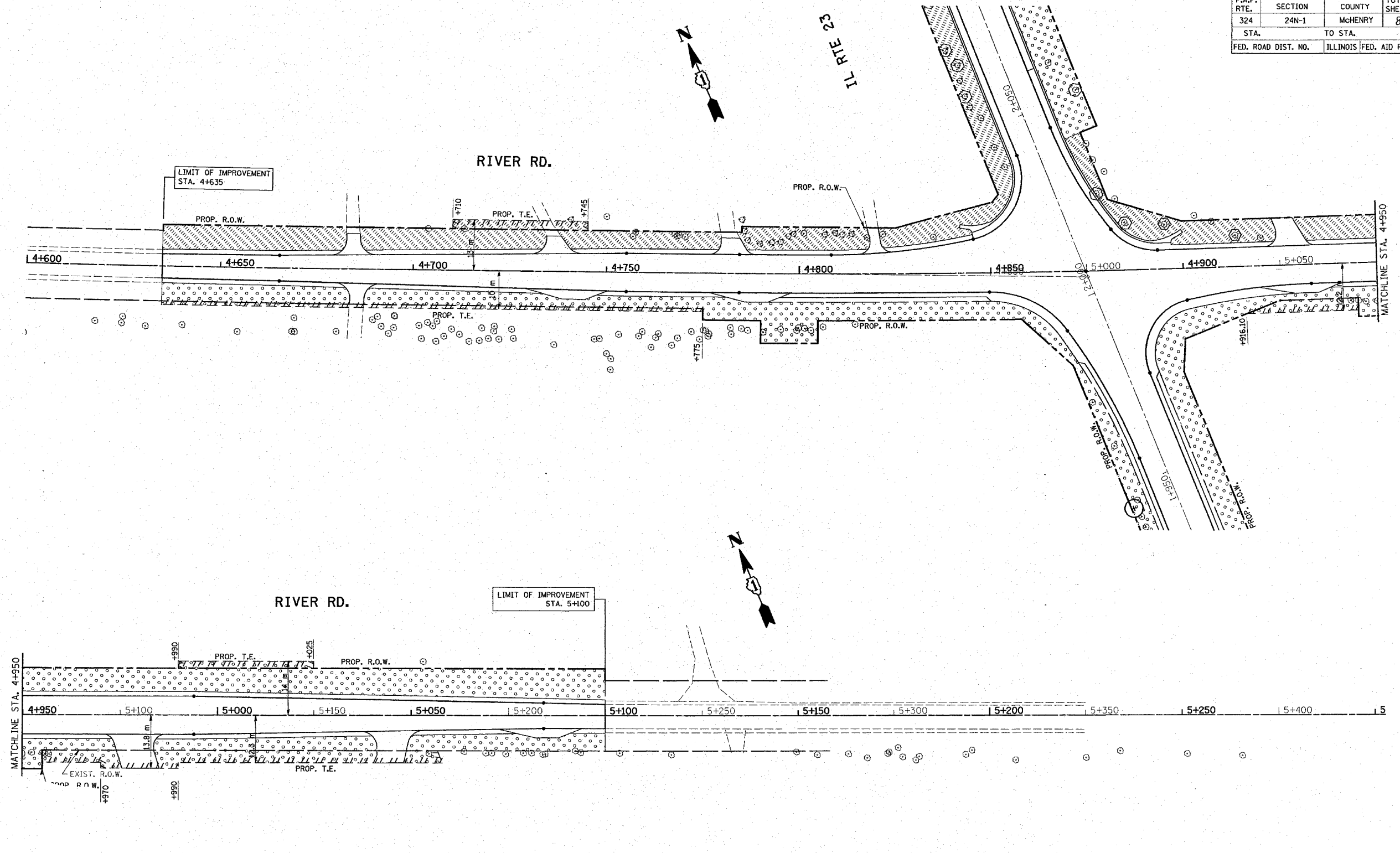
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 IL. RTE. 23 AT RIVER RD.  
 PROPOSED  
 LANDSCAPING PLAN

SCALE: VERT. 1:500  
 HORIZ. 1"=40'  
 DATE 2/11/2008  
 DRAWN BY  
 CHECKED BY



\*REF-land04  
\*REF-land05

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	McHENRY	82	41
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**LEGEND**

	TREE PROTECTION
	SEEDING, CLASS 2A
	SODDING, SALT TOLERANT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**IL. RTE. 23 AT RIVER RD.  
 PROPOSED  
 LANDSCAPING PLAN**

SCALE: VERT. 1:500  
 HORIZ. 1"=40'

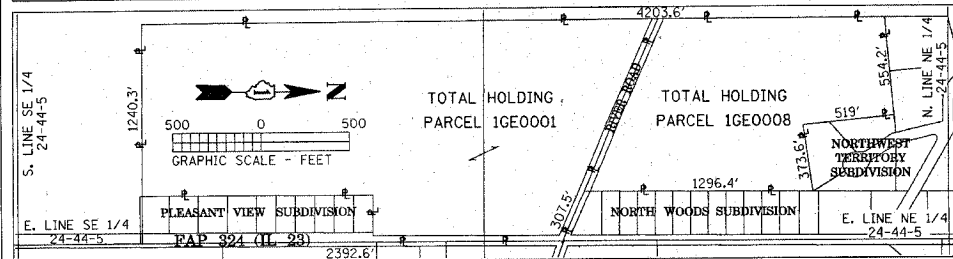
DATE 2/11/2008

DRAWN BY  
 CHECKED BY

PART OF THE EAST HALF OF SECTION 23 AND THE WEST HALF OF SECTION 24, TOWNSHIP 44 NORTH, RANGE 5 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, ILLINOIS.

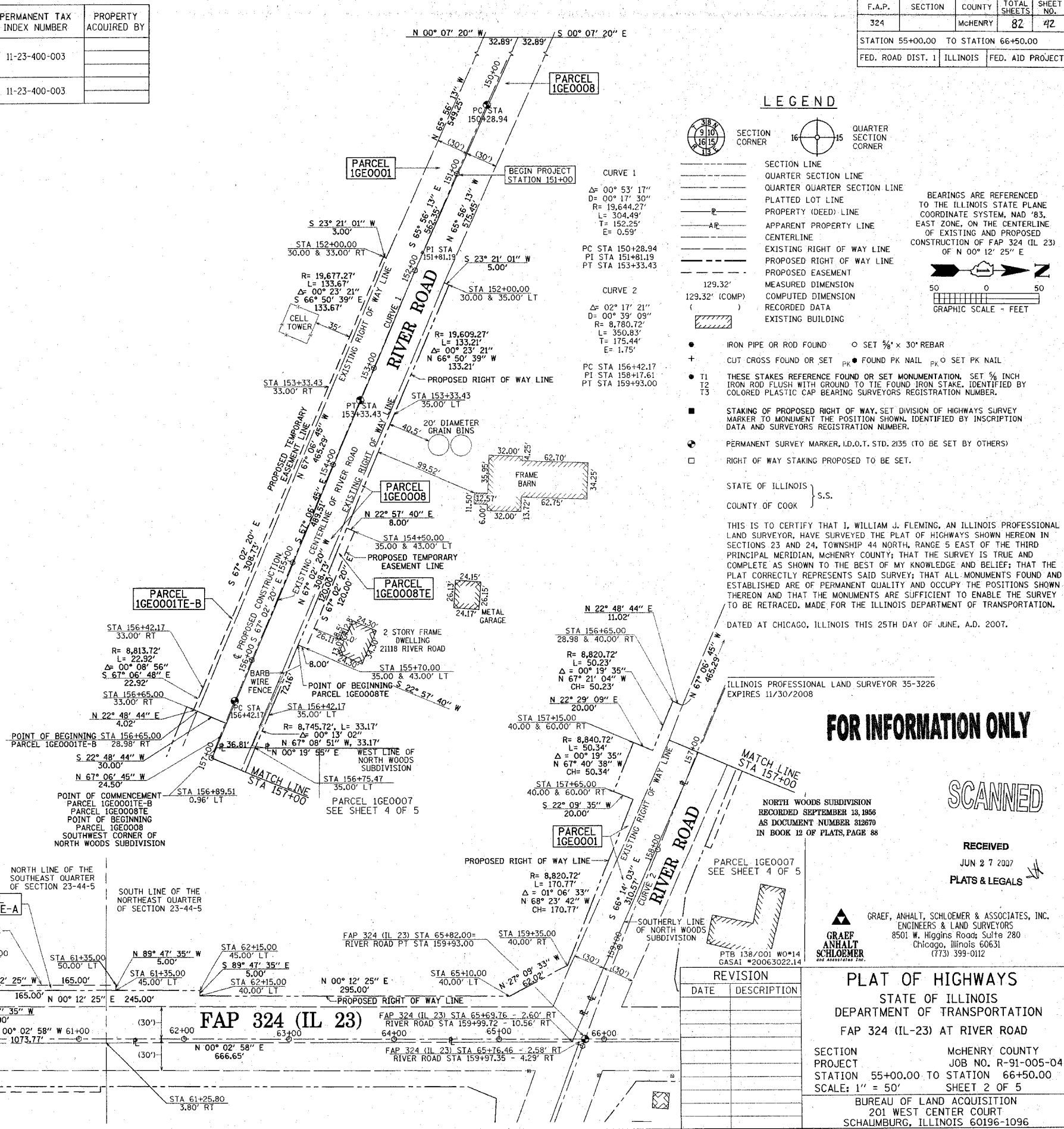
F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324		McHENRY	82	42
STATION 55+00.00 TO STATION 66+50.00				
FED. ROAD DIST. 1 ILLINOIS FED. AID PROJECT				

PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREVIOUSLY DEDICATED ACRES	TEMPORARY EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1GE0001	TOBY LEVIN, AS TRUSTEE OF THE TOBY LEVIN TRUST, DATED MAY 16, 2002	67.579	2.116	65.463	1.759			11-23-400-003	
1GE0001TE-A						0.019			
1GE0001TE-B						0.040			
1GE0008	TOBY LEVIN, AS TRUSTEE OF THE TOBY LEVIN TRUST, DATED MAY 16, 2002	29.770	0.771	28.999	0.726			11-23-400-003	
1GE0008TE						0.022			



GRID COORDINATES ON THE CROSS OF PK NAILS SET AT THE SOUTHEAST CORNER OF THE SOUTHWEST QUARTER OF SECTION 23-44-5 HAVE A VALUE OF 2,040,960.524 NORTH - 909,786.883 EAST AND ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD '83, EAST ZONE COMBINED SCALE FACTOR = 0.99994828

STATION	OFFSET	NORTH	EAST
54+96.10	40.00' LT	2,038,606.944	909,807.159
59+70.00	40.00' LT	2,038,657.872	909,807.341
59+70.00	45.00' LT		
59+70.00	50.00' LT		
63+35.00	45.00' LT		
63+35.00	50.00' LT		
62+15.00	40.00' LT		
62+15.00	45.00' LT		
65+10.00	40.00' LT		
152+00.00	30.00' RT		
152+00.00	33.00' RT		
152+00.00	30.00' LT		
152+00.00	35.00' LT		
153+33.43	33.00' RT		
153+33.43	35.00' LT		
154+50.00	35.00' LT		
154+50.00	43.00' LT		
155+70.00	35.00' LT		
155+70.00	43.00' LT		
156+42.17	33.00' RT		
156+42.17	35.00' LT		
156+65.00	30.00' RT		
156+65.00	33.00' RT		
156+65.00	40.00' RT		
156+75.47	35.00' LT		
157+15.00	40.00' RT		
157+15.00	60.00' RT		
157+65.00	40.00' RT		
157+65.00	60.00' RT		
159+35.00	40.00' RT		



**LEGEND**

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DATA
- EXISTING BUILDING

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD '83, EAST ZONE, ON THE CENTERLINE OF EXISTING AND PROPOSED CONSTRUCTION OF FAP 324 (IL 23) OF N 00° 12' 25" E

IRON PIPE OR ROD FOUND ○ SET 5/8" x 30" REBAR  
 CUT CROSS FOUND OR SET PK ● FOUND PK NAIL PK ○ SET PK NAIL

THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8" INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS } S.S.  
 COUNTY OF COOK }

THIS IS TO CERTIFY THAT J. WILLIAM J. FLEMING, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 23 AND 24, TOWNSHIP 44 NORTH, RANGE 5 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

DATED AT CHICAGO, ILLINOIS THIS 25TH DAY OF JUNE, A.D. 2007.

ILLINOIS PROFESSIONAL LAND SURVEYOR 35-3226  
 EXPIRES 11/30/2008

**FOR INFORMATION ONLY**

SCANNED

RECEIVED  
 JUN 27 2007  
 PLATS & LEGALS

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.  
 ENGINEERS & LAND SURVEYORS  
 8501 W. Higgins Road, Suite 280  
 Chicago, Illinois 60631  
 (773) 399-0112

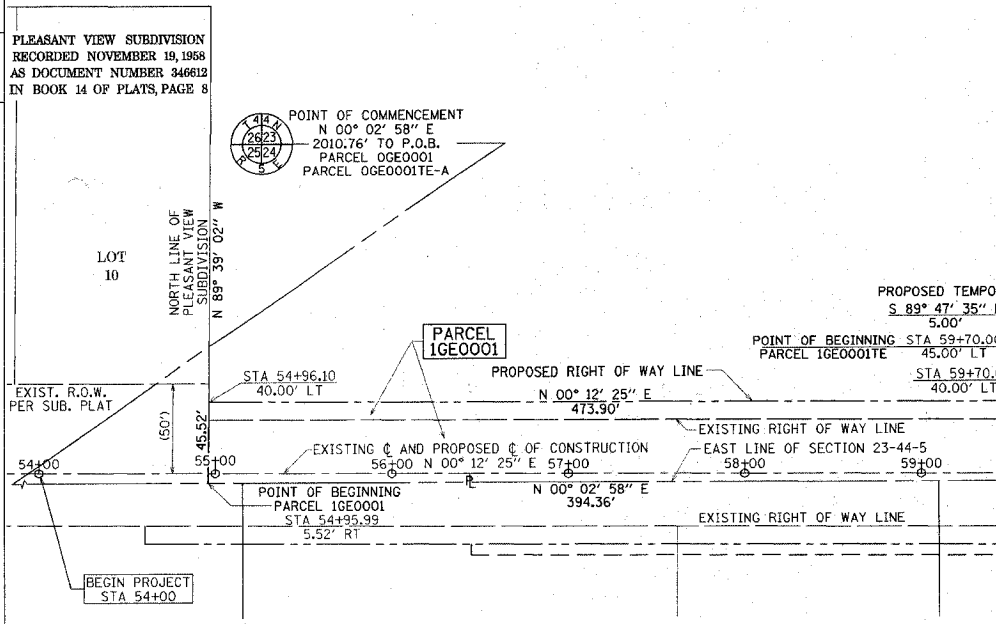
REVISION	
DATE	DESCRIPTION

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 FAP 324 (IL-23) AT RIVER ROAD

SECTION McHENRY COUNTY  
 PROJECT JOB NO. R-91-005-04  
 STATION 55+00.00 TO STATION 66+50.00  
 SCALE: 1" = 50' SHEET 2 OF 5

BUREAU OF LAND ACQUISITION  
 201 WEST CENTER COURT  
 SCHALMBURG, ILLINOIS 60196-1096

SHEET 1 OF 1 IS COVER SHEET AND IS NOT RECORDED  
 AS DOCUMENT NO.



RECORDING: RECORDED ON

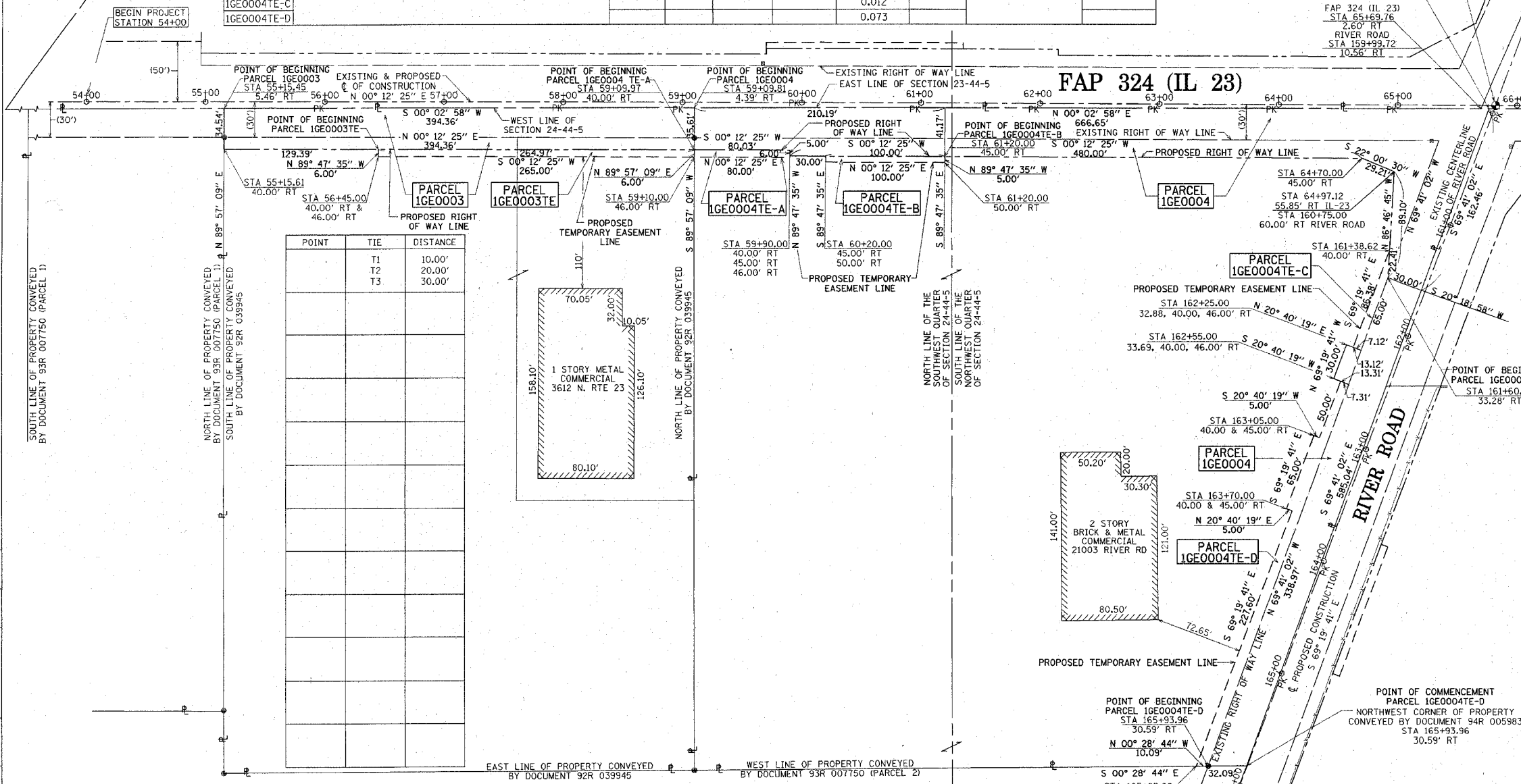
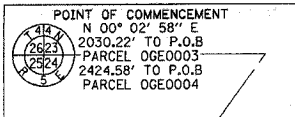
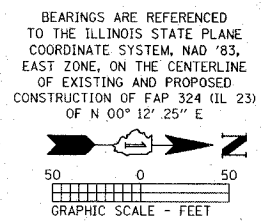
PART OF THE EAST HALF OF SECTION 23 AND THE WEST HALF OF SECTION 24, TOWNSHIP 44 NORTH, RANGE 5 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, ILLINOIS.

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324		McHENRY	82	43
STATION 55+00.00 TO STATION 66+00.00				
FED. ROAD DIST. 1 ILLINOIS FED. AID PROJECT				

PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREVIOUSLY DEDICATED ACRES	TEMPORARY EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1GE0003	PAUL R. HARMS AND PATRICIA A. HARMS, IN TENANCY BY THE ENTIRETY	4.989	0.318	4.671	0.227			11-24-300-016	
1GE0003TE						0.037		11-24-300-017	
1GE0004			7.140	1.039	6.101	0.786			
1GE0004TE-A							0.011		
1GE0004TE-B	709 NORTH HALE, L.L.C.					0.011		11-24-300-012	
1GE0004TE-C						0.012			
1GE0004TE-D						0.073			

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DATA
- EXISTING BUILDING
- IRON PIPE OR ROD FOUND
- SET 3/4" x 30" REBAR
- CUT CROSS FOUND OR SET
- FOUND PK NAIL
- SET PK NAIL
- THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8" INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.



POINT	TIE	DISTANCE
T1		10.00'
T2		20.00'
T3		30.00'

GRID COORDINATES ON THE CROSS OF PK NAILS SET AT THE SOUTHEAST CORNER OF THE SOUTHEAST QUARTER OF SECTION 23-44-5 HAVE A VALUE OF 2,040,960.524 NORTH - 909,786.883 EAST AND ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD '83, EAST ZONE COMBINED SCALE FACTOR = 0.9999 4828

STATION	OFFSET	NORTH	EAST
54+60.00	30.00' RT	2,038,606.944	909,807.159
54+60.00	40.00' RT	2,038,657.872	909,807.341
55+15.61	40.00' RT		
56+45.00	40.00' RT		
56+45.00	46.00' RT		
59+10.00	46.00' RT		
59+90.00	40.00' RT		
59+90.00	45.00' RT		
59+90.00	46.00' RT		
60+20.00	45.00' RT		
60+20.00	50.00' RT		
61+20.00	45.00' RT		
61+20.00	50.00' RT		
64+70.00	45.00' RT		
160+75.00	60.00' RT		
161+38.62	40.00' RT		
161+60.00	33.28' RT		

STATION	OFFSET	NORTH	EAST
162+25.0	32.88' RT	2,038,606.944	909,807.159
162+25.0	40.00' RT	2,038,657.872	909,807.341
162+25.0	46.00' RT		
162+55.0	33.69' RT		
162+55.0	40.00' RT		
162+55.0	46.00' RT		
163+05.0	40.00' RT		
163+05.0	45.00' RT		
163+70.0	40.00' RT		
163+70.0	45.00' RT		
165+97.6	40.00' RT		
167+30.0	29.74' RT		
167+30.0	40.00' RT		

STATE OF ILLINOIS } S.S.  
COUNTY OF COOK }

THIS IS TO CERTIFY THAT I, WILLIAM J. FLEMING, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 23 AND 24, TOWNSHIP 44 NORTH, RANGE 5 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

DATED AT CHICAGO, ILLINOIS THIS 19TH DAY OF NOVEMBER, A.D. 2007.

ILLINOIS PROFESSIONAL LAND SURVEYOR 35-3226  
EXPIRES 11/30/2008

FOR INFORMATION ONLY

SCANNED

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.  
ENGINEERS & LAND SURVEYORS  
8501 W. Higgins Road, Suite 280  
Chicago, Illinois 60631  
(773) 399-0112

PTB 138/001 WO # 14  
GASAI # 2006022.14

DATE	DESCRIPTION
11/19/2007	DELETE 1GE0002

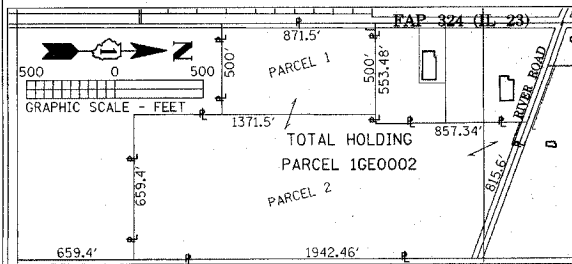
PLAT OF HIGHWAYS  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
FAP 324 (IL-23) AT RIVER ROAD

SECTION McHENRY COUNTY  
PROJECT JOB NO. R-91-005-04  
STATION 55+00.00 TO STATION 66+00.00  
SCALE: 1" = 50' SHEET 3 OF 5

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196-1096  
SHEET 1 OF 15 COVER SHEET AND IS NOT RECORDED  
AS DOCUMENT NO.

RECEIVED  
NOV 27 2007  
PLATS & LEGALS

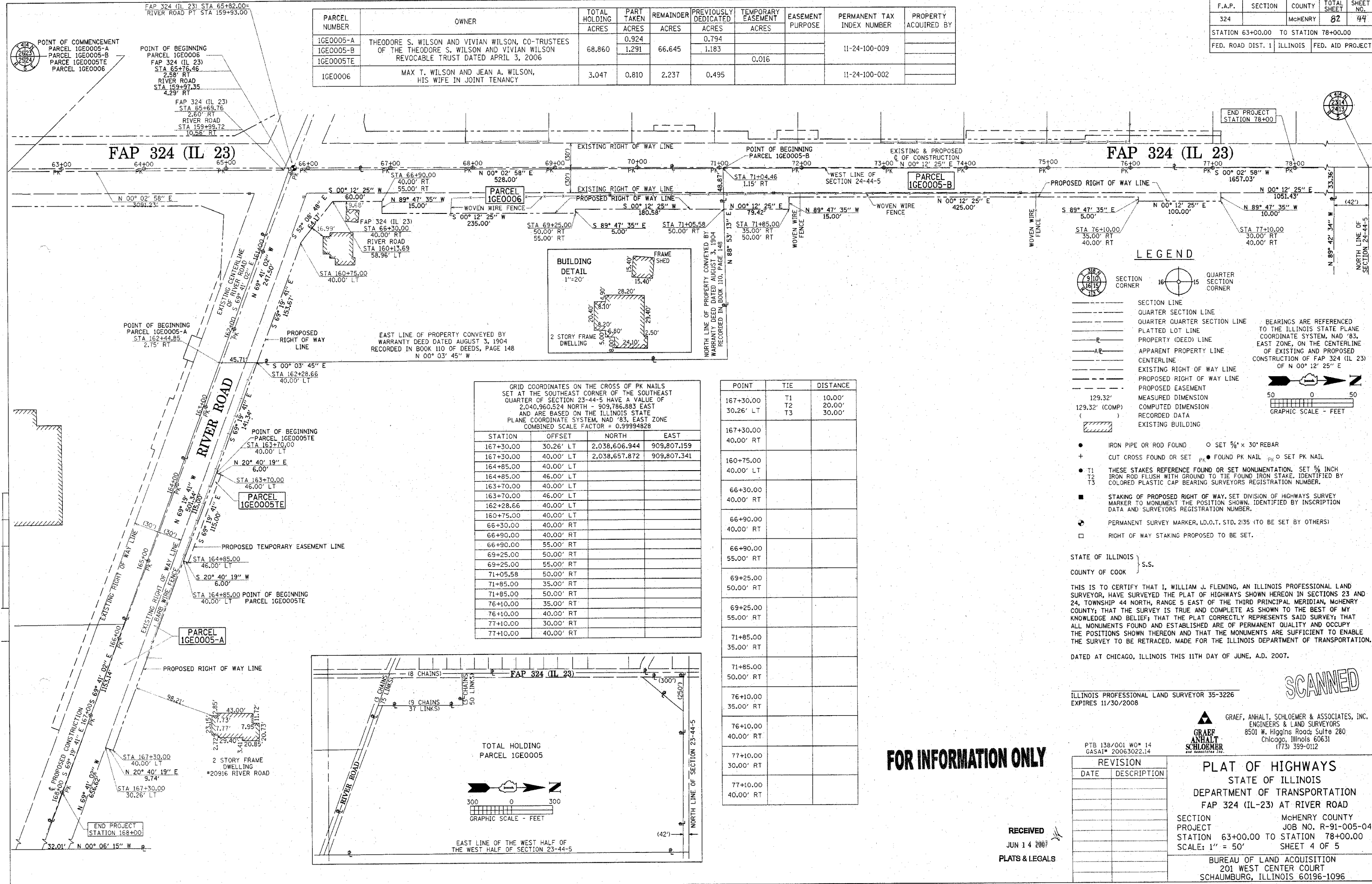
RECORDING: RECORDED ON



PART OF THE EAST HALF OF SECTION 23 AND THE WEST HALF OF SECTION 24, TOWNSHIP 44 NORTH, RANGE 5 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, ILLINOIS.

F.A.P.	SECTION	COUNTY	TOTAL SHEET NO.	SHEET NO.
324		McHENRY	82	44
STATION 63+00.00 TO STATION 78+00.00				
FED. ROAD DIST. 1 ILLINOIS FED. AID PROJECT				

PARCEL NUMBER	OWNER	TOTAL HOLDING	PART TAKEN	REMAINDER	PREVIOUSLY DEDICATED	TEMPORARY EASEMENT	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
		ACRES	ACRES	ACRES	ACRES	ACRES			
1GE0005-A	THEODORE S. WILSON AND VIVIAN WILSON, CO-TRUSTEES OF THE THEODORE S. WILSON AND VIVIAN WILSON REVOCABLE TRUST DATED APRIL 3, 2006	0.924			0.794			11-24-100-009	
1GE0005-B		1.291	66.645		1.183				
1GE0005TE							0.016		
1GE0006	MAX T. WILSON AND JEAN A. WILSON, HIS WIFE IN JOINT TENANCY	3.047	0.810	2.237	0.495			11-24-100-002	



GRID COORDINATES ON THE CROSS OF PK NAILS SET AT THE SOUTHEAST CORNER OF THE SOUTHEAST QUARTER OF SECTION 23-44-5 HAVE A VALUE OF 2,040,960,524 NORTH - 909,766,883 EAST AND ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD '83, EAST ZONE COMBINED SCALE FACTOR = 0.99994828

STATION	OFFSET	NORTH	EAST
167+30.00	30.26' LT	2,038,606.944	909,807.159
167+30.00	40.00' LT	2,038,657.872	909,807.341
164+85.00	40.00' LT		
164+85.00	46.00' LT		
163+70.00	40.00' LT		
163+70.00	46.00' LT		
162+28.66	40.00' LT		
160+75.00	40.00' LT		
66+30.00	40.00' RT		
66+90.00	40.00' RT		
66+90.00	55.00' RT		
69+25.00	50.00' RT		
69+25.00	55.00' RT		
71+05.58	50.00' RT		
71+85.00	35.00' RT		
71+85.00	50.00' RT		
76+10.00	35.00' RT		
76+10.00	40.00' RT		
77+10.00	30.00' RT		
77+10.00	40.00' RT		

POINT	TIE	DISTANCE
167+30.00	T1	10.00'
30.26' LT	T2	20.00'
	T3	30.00'
167+30.00		
40.00' RT		
160+75.00		
40.00' LT		
66+30.00		
40.00' RT		
66+90.00		
40.00' RT		
66+90.00		
55.00' RT		
69+25.00		
50.00' RT		
69+25.00		
55.00' RT		
71+05.58		
50.00' RT		
71+85.00		
35.00' RT		
71+85.00		
50.00' RT		
76+10.00		
35.00' RT		
76+10.00		
40.00' RT		
77+10.00		
30.00' RT		
77+10.00		
40.00' RT		

**LEGEND**

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DATA
- EXISTING BUILDING

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD '83, EAST ZONE, ON THE CENTERLINE OF EXISTING AND PROPOSED CONSTRUCTION OF FAP 324 (IL 23) OF N 00° 12' 25" E

GRAPHIC SCALE - FEET

- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- FOUND PK NAIL
- SET PK NAIL
- THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STD. 2/35 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS } S.S.  
 COUNTY OF COOK }  
 THIS IS TO CERTIFY THAT I, WILLIAM J. FLEMING, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 23 AND 24, TOWNSHIP 44 NORTH, RANGE 5 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE ILLINOIS DEPARTMENT OF TRANSPORTATION.  
 DATED AT CHICAGO, ILLINOIS THIS 11TH DAY OF JUNE, A.D. 2007.

ILLINOIS PROFESSIONAL LAND SURVEYOR 35-3226  
 EXPIRES 11/30/2008

**GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.**  
 ENGINEERS & LAND SURVEYORS  
 8501 W. Higgins Road, Suite 280  
 Chicago, Illinois 60631  
 (773) 399-0112

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 FAP 324 (IL-23) AT RIVER ROAD

SECTION McHENRY COUNTY  
 PROJECT JOB NO. R-91-005-04  
 STATION 63+00.00 TO STATION 78+00.00  
 SCALE: 1" = 50' SHEET 4 OF 5

BUREAU OF LAND ACQUISITION  
 201 WEST CENTER COURT  
 SCHAUMBURG, ILLINOIS 60196-1096  
 SHEET 1 OF 15 COVER SHEET AND IS NOT RECORDED  
 AS DOCUMENT NO.

**FOR INFORMATION ONLY**

RECEIVED  
 JUN 14 2007  
 PLATS & LEGALS

PART OF THE EAST HALF OF SECTION 23 AND THE WEST HALF OF SECTION 24, TOWNSHIP 44 NORTH, RANGE 5 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREVIOUSLY DEDICATED ACRES	TEMPORARY EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1GE0007	LASALLE BANK NATIONAL ASSOCIATION, AS TRUSTEE UNDER A TRUST AGREEMENT DATED THE 5TH DAY OF DECEMBER, 1988 AND KNOWN AS TRUST NUMBER 342-WF	1.277	0.190	1.087				11-23-228-015 11-23-228-016	
1GE0009	CIRO ANGEL MARTINEZ	0.584	0.035	0.549				11-23-228-014	
1GE0010	NELLY CHMIEL	0.583	0.035	0.548				11-23-228-013	
1GE0010TE						0.008	350 SF		
1GE0011	WALTER JAKUBOWSKI AND LINDA JAKUBOWSKI, HIS WIFE, IN JOINT TENANCY	1.167	0.033	1.134				11-23-228-011 11-23-228-012	
1GE0012	EUGENE E. BALLARD AS TRUSTEE OF THE EUGENE E. BALLARD TRUST DATED JANUARY 30, 2003	1.749	0.041	1.708				11-23-228-009 11-23-228-010	
1GE0013	LARRY G. BRASTAD, JR. AND MARILYN E. BRASTAD, HUSBAND AND WIFE AS TENANTS BY THE ENTIRETY	1.165	0.025	1.140				11-23-228-007 11-23-228-008	
1GE0013TE						0.015			

STATION	OFFSET	NORTH	EAST
156+75.47	35.00' LT	2,038,606.944	909,807.159
157+00.00	35.00' LT	2,038,657.872	909,807.341
157+00.00	40.00' LT		
158+30.00	40.00' LT		
66+67.40	56.12' LT		
66+70.00	45.00' LT		
68+92.24	45.00' LT		
69+93.24	45.00' LT		
70+20.00	45.00' LT		
70+20.00	52.00' LT		
70+70.00	45.00' LT		
70+70.00	52.00' LT		
70+94.24	45.00' LT		
71+35.00	35.00' LT		
71+35.00	45.00' LT		
71+70.00	35.00' LT		
71+70.00	46.00' LT		
72+20.00	35.00' LT		
72+20.00	46.00' LT		
72+96.21	35.00' LT		
74+00.00	35.00' LT		
74+00.00	46.00' LT		
74+00.00	45.00' LT		
75+45.00	35.00' LT		
75+45.00	45.00' LT		
75+99.21	40.00' LT		
75+99.22	46.00' LT		
77+10.00	30.00' LT		
77+10.00	40.00' LT		
77+10.00	46.00' LT		
78+00.00	0.00' LT		

POINT	TIE	DISTANCE
156+75.47	T1	10.00'
35.00' LT	T2	20.00'
	T3	30.00'
157+00.00		
35.00' LT		
157+00.00		
40.00' LT		
158+30.00		
40.00' LT		
66+67.40		
56.12' LT		
66+70.00		
45.00' LT		
71+35.00		
35.00' LT		
71+35.00		
45.00' LT		
75+45.00		
35.00' LT		
75+45.00		
45.00' LT		
77+10.00		
30.00' LT		
77+10.00		
40.00' LT		
77+10.00		
46.00' LT		
78+00.00		
0.00' LT		

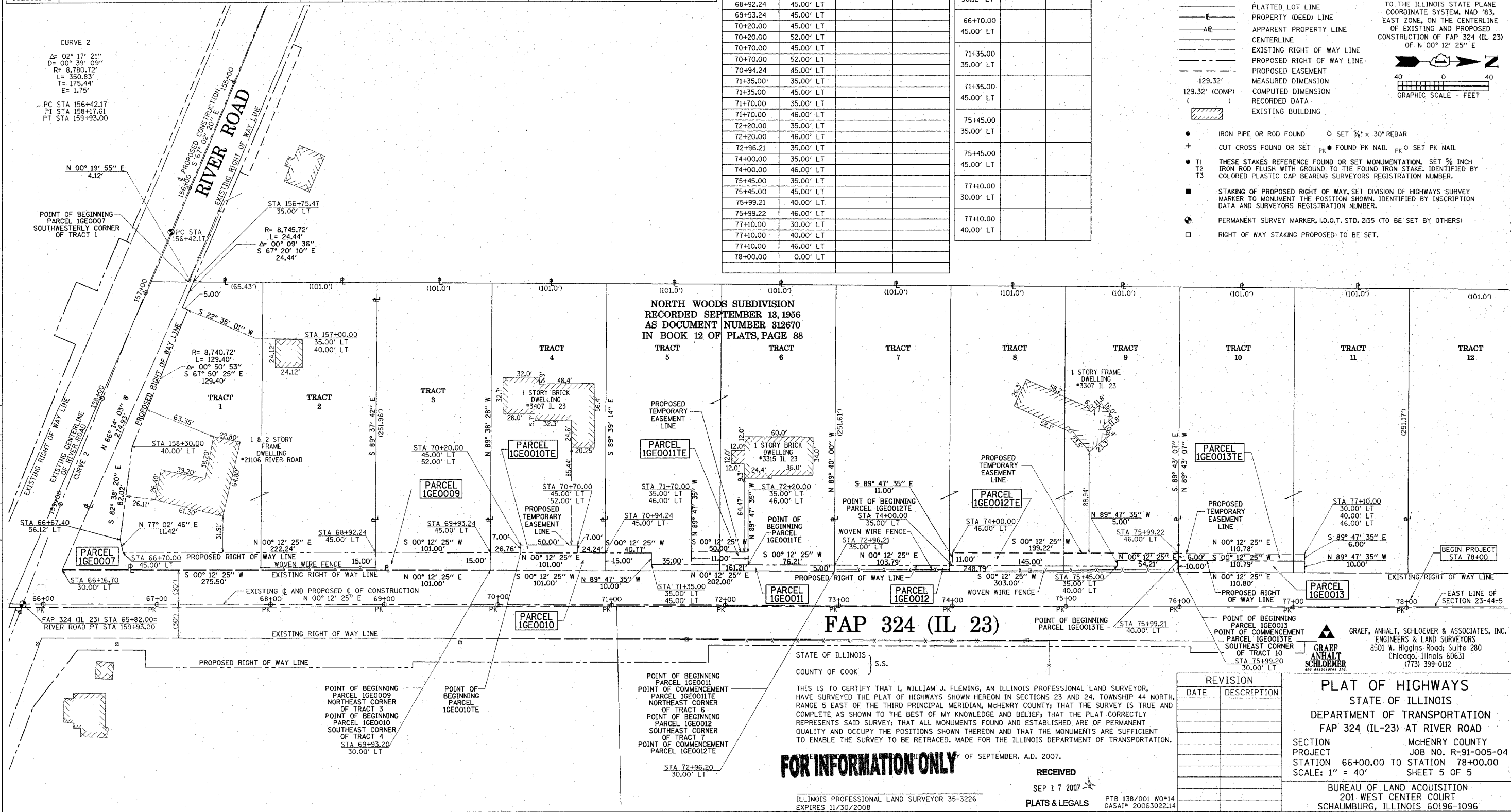
F.A.P.	SECTION	COUNTY	TOTAL SHEET	SHEET NO.
324		McHENRY	82	45

STATION 66+00.00 TO STATION 78+00.00  
FED. ROAD DIST. 1 ILLINOIS FED. AID PROJECT

LEGEND

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD '83, EAST ZONE, ON THE CENTERLINE OF EXISTING AND PROPOSED CONSTRUCTION OF FAP 324 (IL 23) OF N 00° 12' 25" E

- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8" IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.



FOR INFORMATION ONLY

RECEIVED  
SEP 17 2007  
PLATS & LEGALS

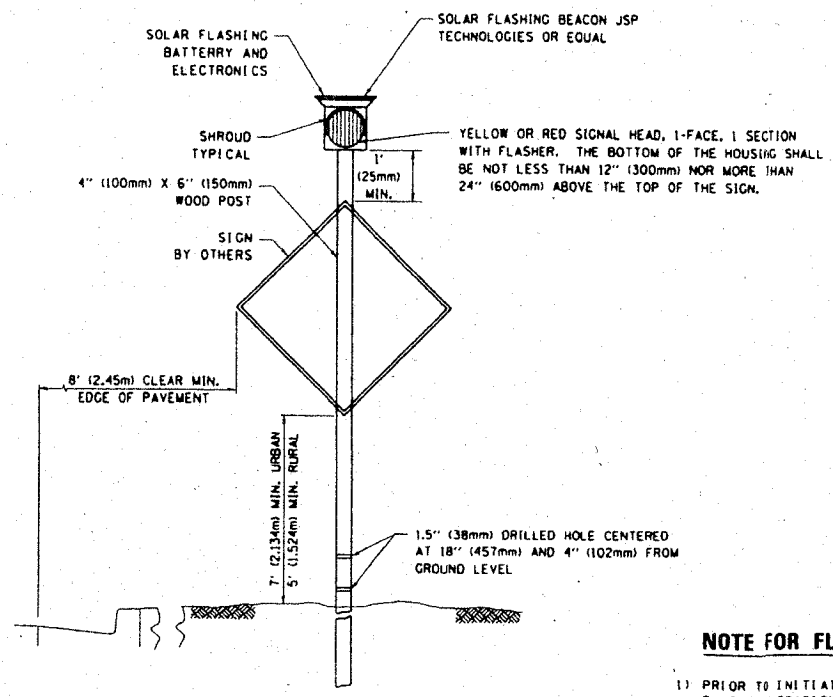
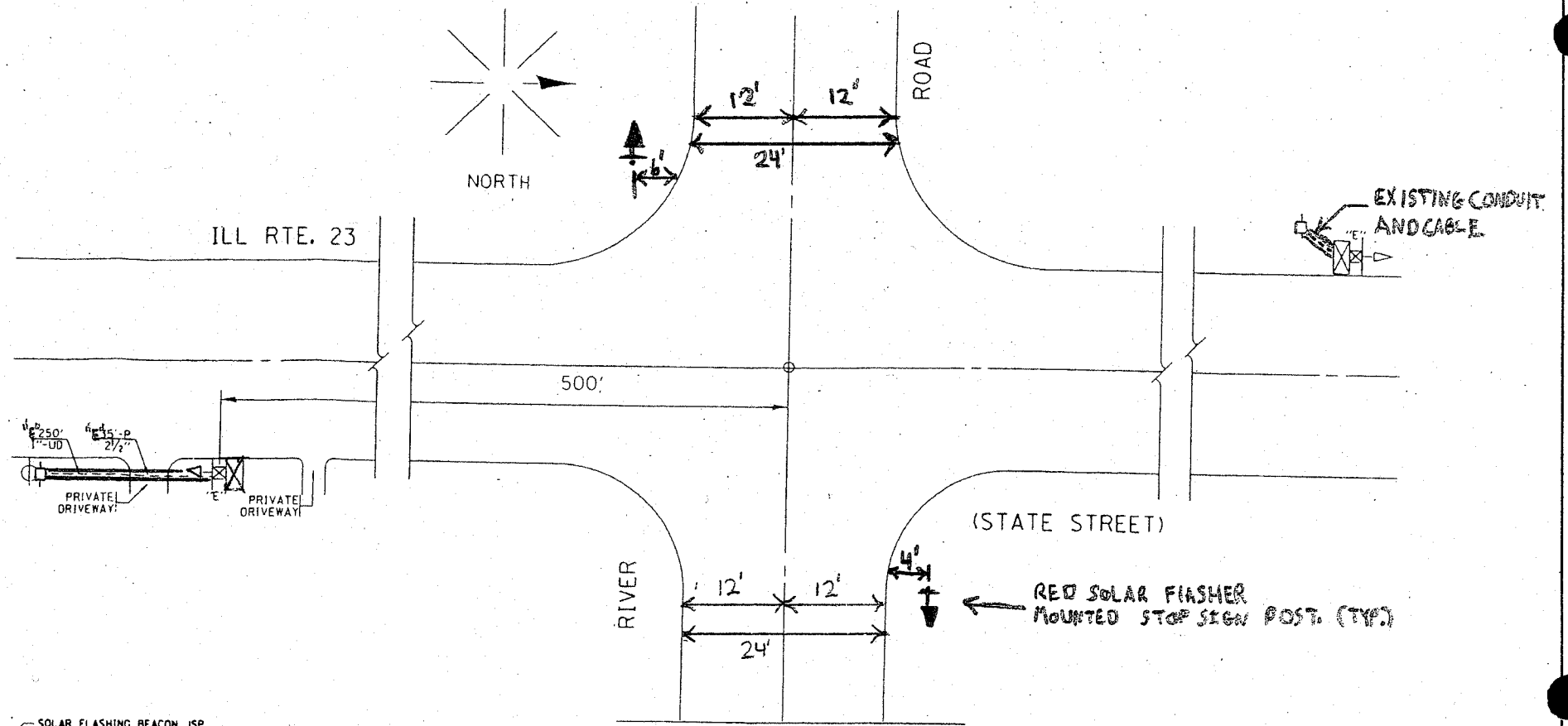
RECORDING: RECORDED ON

**FLASHER SIGNAL LEGEND**

	PROPOSED	EXISTING
SERVICE INSTALLATION	■	□
12" SIGNAL HEAD (LED)	▶	▷
WOOD POST, 4" x 6"	⊠	⊠ "E"
CONDUIT IN GROUND OR UNIT DUCT IN TRENCH	---	====
HANDHOLE	■	□
HEAVY-DUTY HANDHOLE	H	H "E"
ELECTRICAL POLE	●	○
GROUND ROD	⦿	⦿
SIGNAL FACE WITH BACKPLATE	R	R
JUNCTION BOX - STAINLESS STEEL	Ⓜ	Ⓜ
TRANSFORMER	T	T "E"

F.A.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24 N-1	McHENRY	82	46
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EMC SUMMARY OF QUANTITIES			
ITEM	DESCRIPTION	UNIT	QUANTITY
TF03	SOLAR POWERED FLASHER, POST MOUNTED, 1 FACE (RED L.E.D. DISPLAY)	EACH	2
SPW1	POST, WOOD	EACH	2

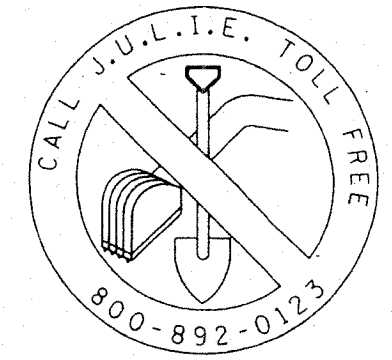


**PROPOSED SOLAR FLASHER (24-HR)**  
N. T. S

**NOTE FOR FLASHER(S):**  
1) PRIOR TO INITIATING OPERATION OF ANY FLASHER LOCATION, IT SHALL BE THE RESPONSIBILITY OF THE "ELECTRICAL MAINTENANCE CONTRACTOR" TO CONTACT, 48 HRS IN ADVANCE, THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATION ENGINEER" AT (847) 705-4139, ILLINOIS DEPARTMENT OF TRANSPORTATION.

**PLAN - TRAFFIC SIGNAL FLASHER**

**EMC**



**Illinois Department of Transportation**  
Division of Highways / District 1  
201 West Center Court  
Schaumburg, Illinois 60196-1096

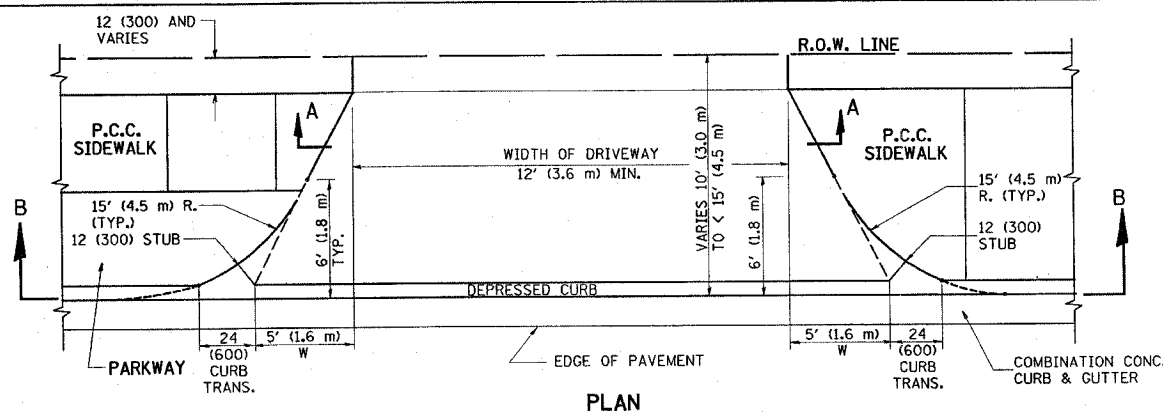
ENERGY SUPPLY: SOLAR POWER

REVISIONS	
NAME	DATE

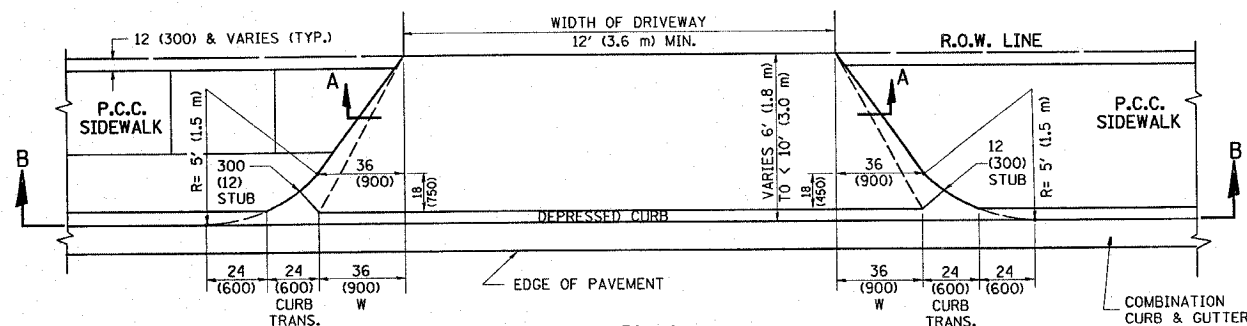
**ILLINOIS DEPARTMENT OF TRANSPORTATION**  
**FLASHER INSTALLATION**  
IL. RTE. 23 @ RIVER ROAD

SCALE: NONE  
DATE: JUNE 2007  
DRAWN BY: [blank]  
DESIGNED BY: [blank]  
CHECKED BY: [blank]

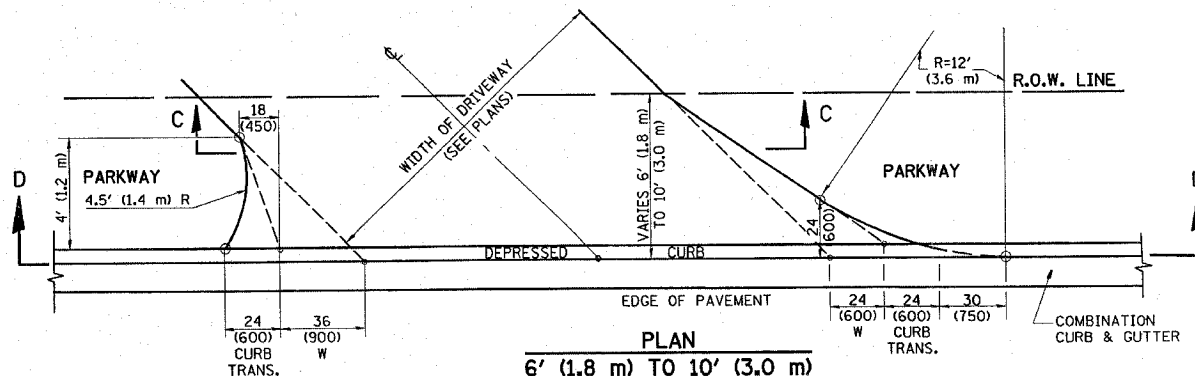
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24 N-1	MCHENRY	82	47
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



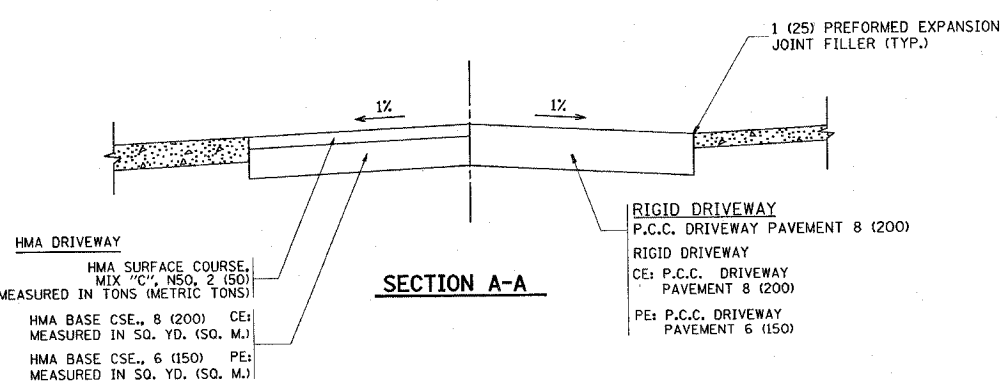
PLAN  
10' (3.0 m) TO < 15' (4.5 m)



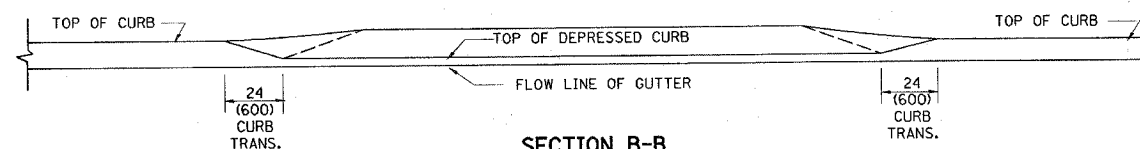
PLAN  
6' (1.8 m) TO < 10' (3.0 m)



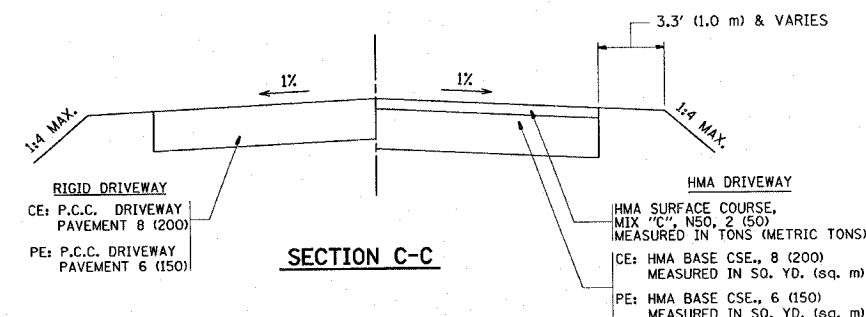
PLAN  
6' (1.8 m) TO 10' (3.0 m)



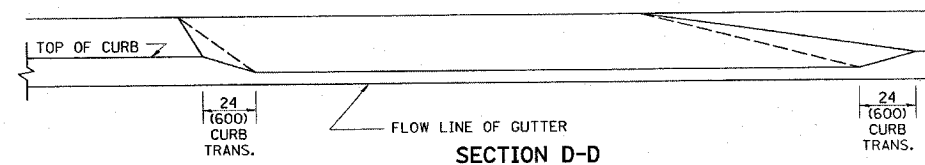
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

GENERAL NOTES

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

THE 1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DRIVEWAY DETAILS  
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)

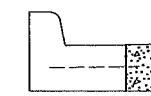
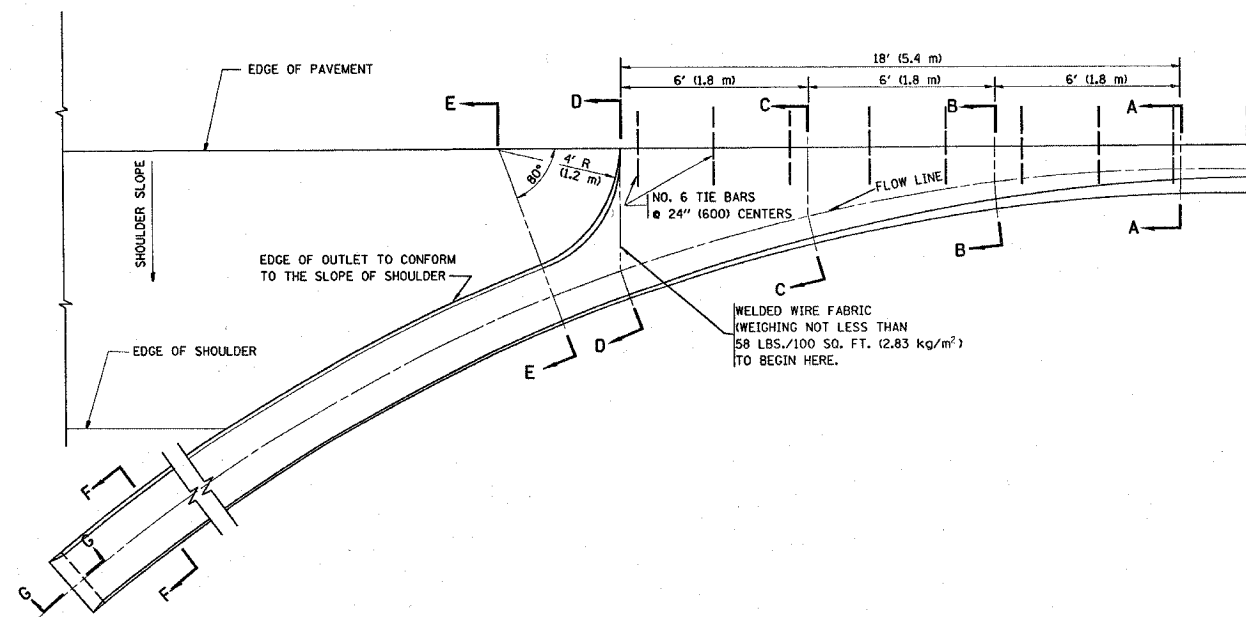
REVISIONS	NAME	DATE
	R. SHAH	11/06/95
	J. POLLASTRINI	08/12/96
	J. POLLASTRINI	12/14/96
	A. ABBAS	03/21/97
	T. HOLTZ	04/08/97
	M. GOMEZ	04/06/01
	P. LAFLEUR	04/15/03
	R. BORO	01/01/07

SCALE: VERT. NONE  
HORIZ.

DRAWN BY  
CHECKED BY

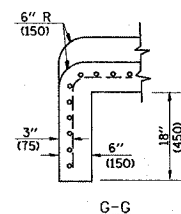
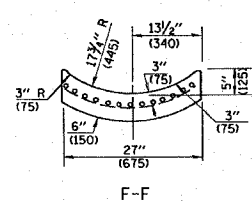
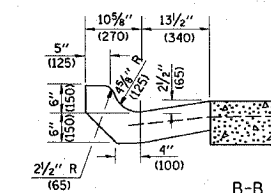
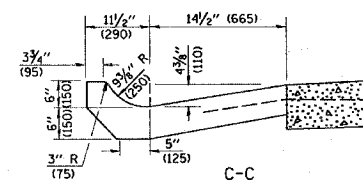
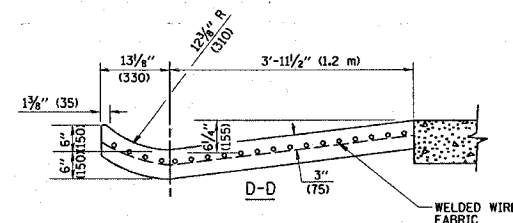
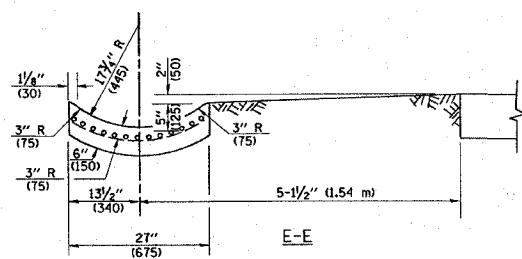
CONTRACT NO. 62296

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24 N-1	MCHENRY	82	48
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



A-A \*

\* DIMENSIONS OF THE CURB & GUTTER AT SECTION A-A ARE SHOWN ON STATE STANDARD 606001. FOR DETAILS OF OUTLET FOR CONCRETE CURB & GUTTER, TYPE B-6.24 (B-15.60) SEE STATE STANDARD 606006.



GENERAL NOTES

GUTTER OUTLET SHALL BE TIED TO THE PAVEMENT IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT SHOWN ON STANDARD 420001.

TIE BARS SHALL BE NO. 20 (NO.6) AT 24" (600) CENTERS UNLESS OTHERWISE SHOWN.

IF THE AVERAGE GRADE OF PAVEMENT FOR THE DISTANCE FROM SECTION A-A TO D-D EXCEEDS 2%, THIS DISTANCE SHALL BE INCREASED 6' (1.8 m) FOR EACH 1% INCREASE IN GRADE.

QUANTITIES

FOR SECTION A-A TO E-E AND CURTAIN WALL = 1.25 CU. YDS. (0.96 m<sup>3</sup>) CLASS SI CONCRETE (OUTLET) FOR 9" (225) PAV'T.  
 1.27 CU. YDS. (0.96 m<sup>3</sup>) CLASS SI CONCRETE (OUTLET) FOR 10" (250) PAV'T.  
 FOR SECTION F-F = 0.045 CU. YDS. (0.03 m<sup>3</sup>) CLASS SI CONCRETE PER FT. (m).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE
M. DE YONG	8/4/86
R. SHAH	09/09/94
R. SHAH	10/25/94
E. GOMEZ	12/21/00

ILLINOIS DEPARTMENT OF TRANSPORTATION

**OUTLET FOR CONCRETE CURB AND GUTTER**

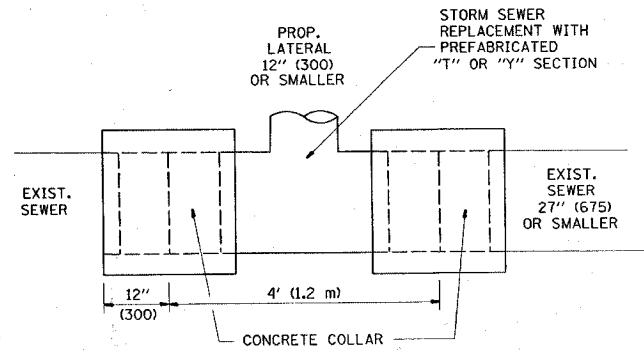
SCALE: VERT. NONE  
HORIZ. NONE

DRAWN BY  
CHECKED BY

PLOT DATE = 2/11/2008  
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 USER NAME = shahremad

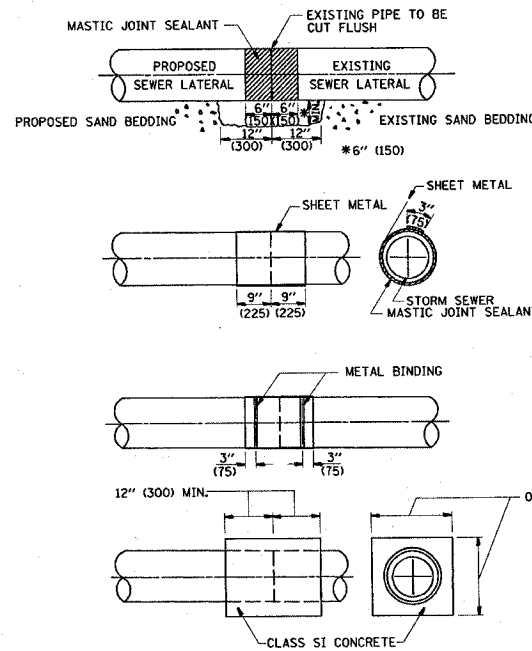


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24 N-1	MCHENRY	82	49
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



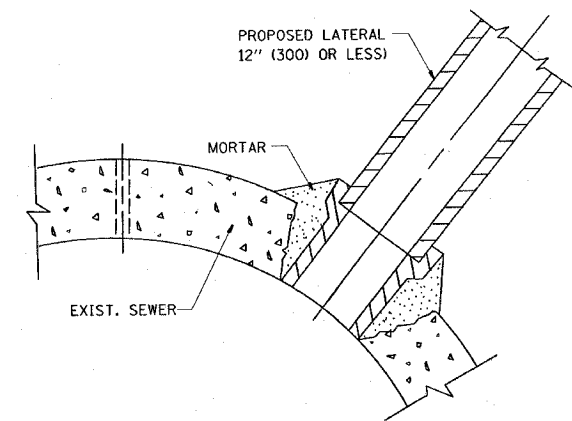
DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER



DETAIL "B"

CLASS SI CONCRETE COLLAR



DETAIL "C"

PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

CONSTRUCTION SEQUENCE

- CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
- APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
- BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12" x 6" (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
- CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
- WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
- LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
- PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
- WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
- PLACE CLASS SI CONCRETE AROUND THE JOINT.

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
  - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
  - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE
M. DE YONG	07/25/90
M. DE YONG	02/05/93
M. DE YONG	05/08/93
R. SHAH	09/09/94
R. SHAH	10/25/94
R. SHAH	06/12/96

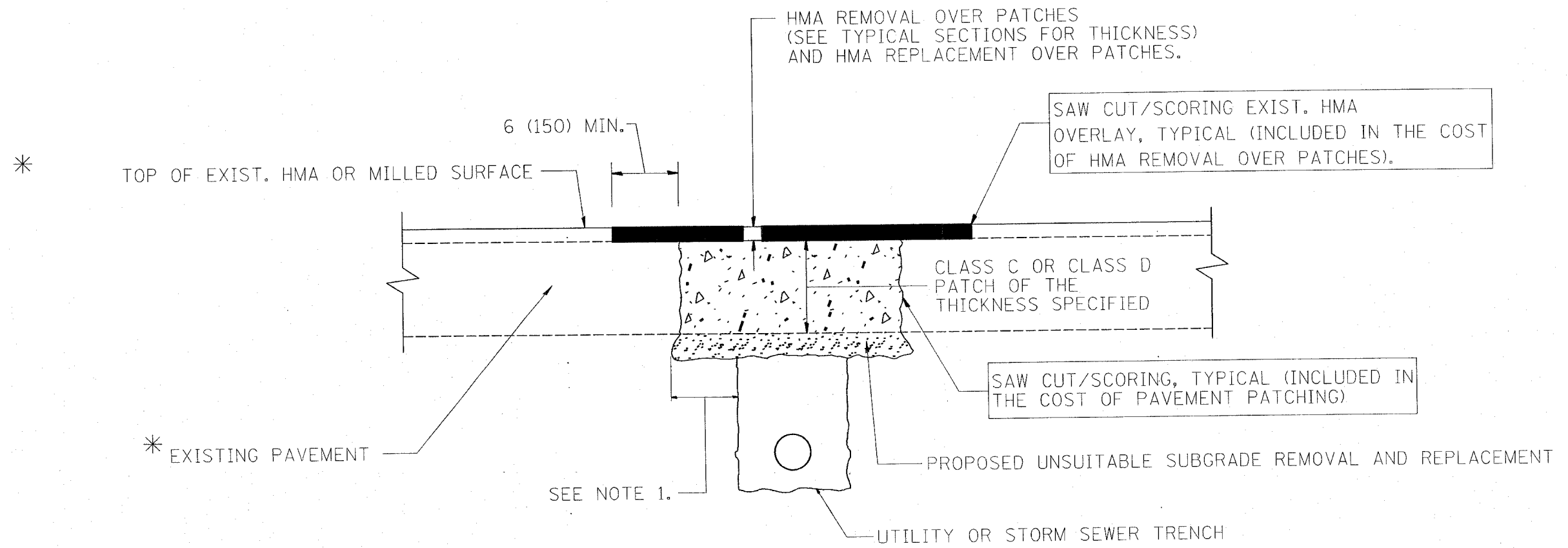
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER**

SCALE: VERT. NONE  
 HORIZ.

DRAWN BY  
 CHECKED BY

CONTRACT NO. 62296

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24 N-1	MCHENRY	82	50
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



\* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE FULL DEPTH PATCHES
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

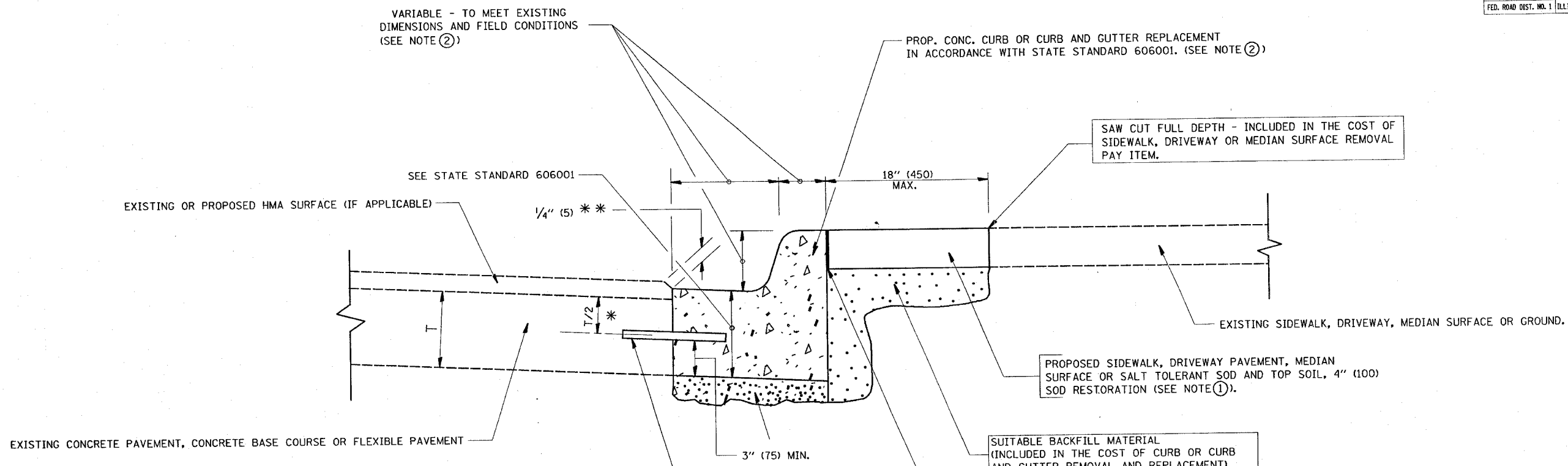
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE
R. SHAH	10/25/94
R. SHAH	01/14/95
R. SHAH	03/23/95
R. SHAH	04/24/95
A. HOUSEH	03/15/96
A. ABBAS	03/21/97
A. ABBAS	01/20/98
ART ABBAS	04/27/98
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT**  
 SCALE: VERT. NONE  
 HORIZ. NONE  
 PLOT DATE: 2/11/2008  
 DRAWN BY  
 CHECKED BY  
 BD400-04 (BD-22)  
 REVISION DATE: 01/01/07

PLOT DATE = 2/11/2008  
 FILE NAME = P:\1104\1104-IL23Vb02.dgn  
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 USER NAME = shurenab

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24 N-1	MCHENRY	82	51
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



- \* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- \*\* IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SALT TOLERANT SOD AND TOP SOIL, 4" (100) RESTORATION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

- ② CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
- ③ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.
- ④ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑤ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑥ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.
- ⑦ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE 3).

**BASIS OF PAYMENT:**

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

# CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

REVISIONS	
NAME	DATE
A. HOUSEH	03/11/94
R. SHAH	02/24/95
R. SHAH	03/02/95
R. SHAH	08/19/96
R. SHAH	09/12/96
R. SHAH	09/19/96
R. SHAH	10/03/96
A. ABBAS	03/21/97
M. GOMEZ	01/22/01
R. BORO	01/01/07

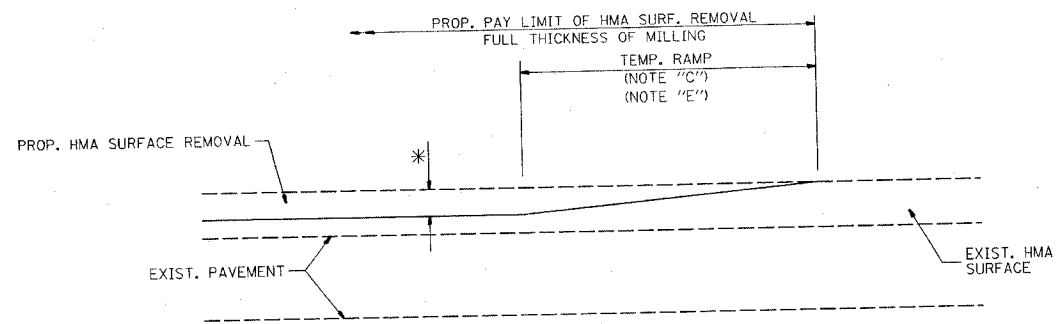
ILLINOIS DEPARTMENT OF TRANSPORTATION  
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

SCALE: VERT. NONE  
HORIZ.

DRAWN BY  
CHECKED BY  
BD600-06 (BD-24)

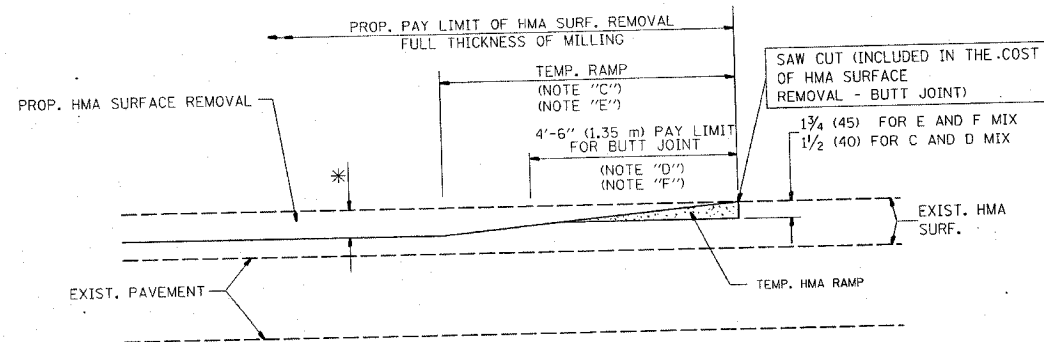
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USER NAME = shreemah

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24 N-1	MCHENRY	82	52
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



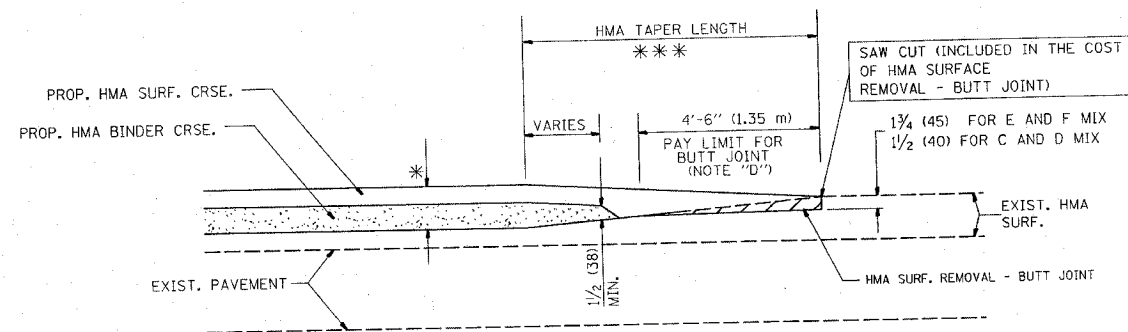
MILLED TEMPORARY RAMP  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1



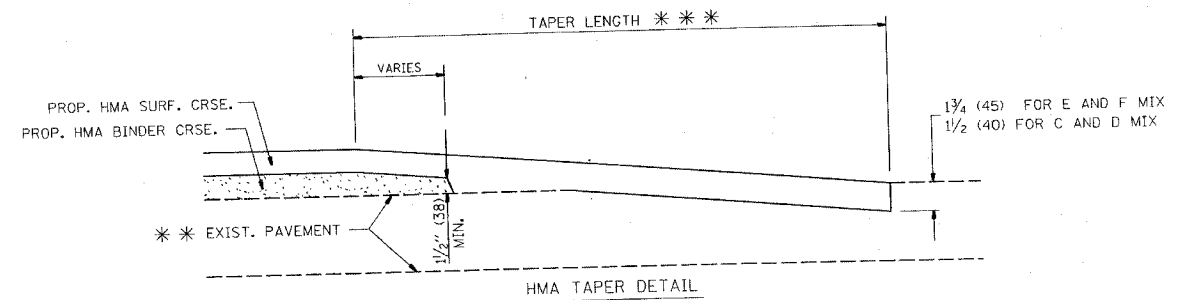
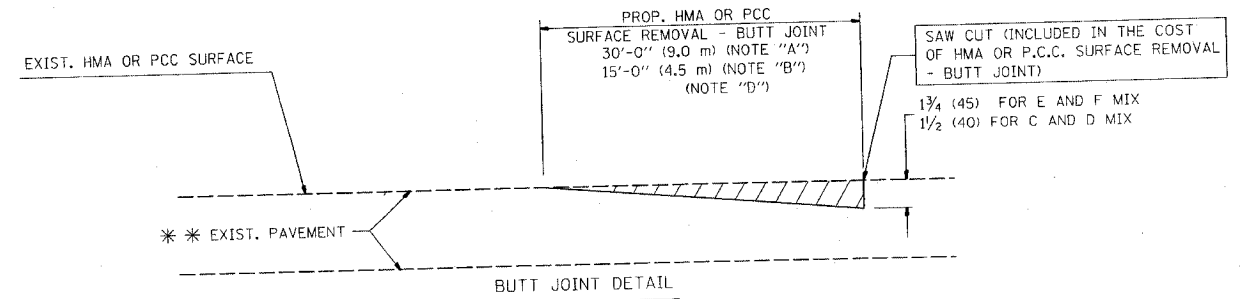
HMA CONSTRUCTED TEMPORARY RAMP  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2  
TYPICAL TEMPORARY RAMP



BUTT JOINT AND  
HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER  
FOR MILLING AND RESURFACING



TYPICAL BUTT JOINT AND HMA TAPER  
FOR RESURFACING ONLY

\*\*\* PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
  - B: MINOR SIDE ROADS.
  - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
  - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
  - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
  - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
  - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- \* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- \*\*\* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")  
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

REVISIONS	
NAME	DATE
M. DE YONG	6-13-90
M. DE YONG	7-3-90
M. DE YONG	3-27-92
R. SHAH	09/09/94
R. SHAH	10/25/94
A. ABBAS	03/21/97
M. GOMEZ	04/06/01
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

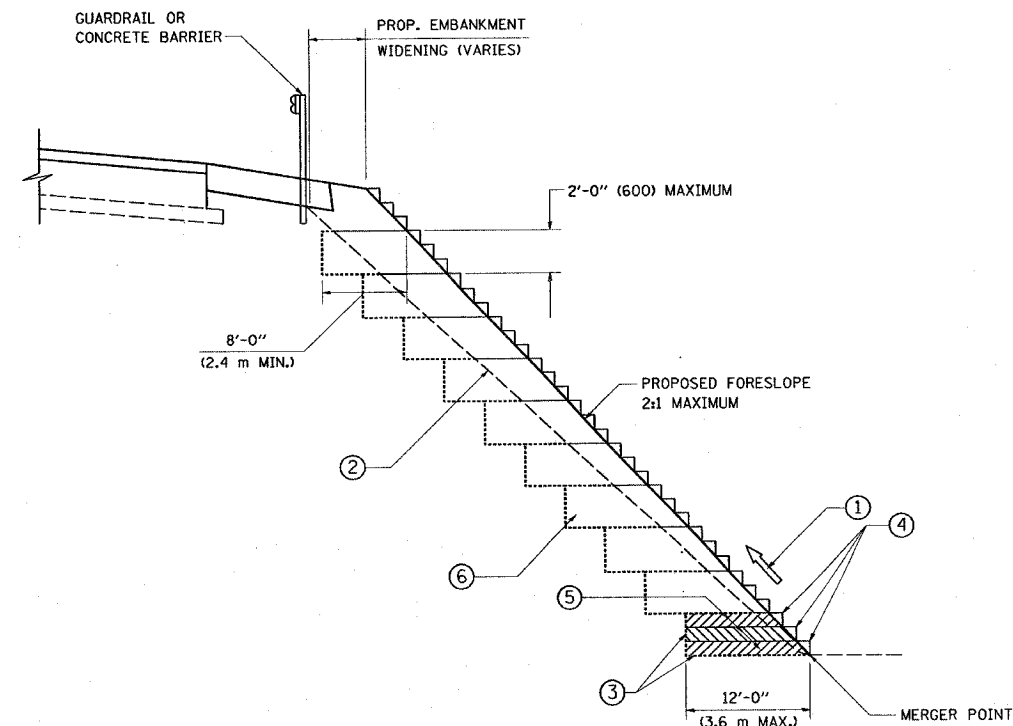
BUTT JOINT AND  
HMA TAPER  
DETAILS

SCALE: VERT. NONE  
HORIZ. 1"=20'  
PLOT DATE: 2/11/2008

DRAWN BY  
CHECKED BY  
BD400-05 (VI-BD32)  
REVISION DATE: 01/01/07

CONTRACT NO. 62296

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24 N-1	MCHENRY	82	53
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



TYPICAL BENCHING DETAIL  
FOR EMBANKMENT

NOTES:

- ① CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
- ② EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.
- ③ BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
- ④ TRIM TO FINAL SLOPE.
- ⑤ EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.
- ⑥ EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ⑦ SLOPES SHALL BE BENCHED ACCORDING TO THIS DETAIL WHEN THE SLOPE IS STEEPER THAN 4:1 AND THE HEIGHT IS GREATER THAN 5' (1.5 m).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)  
UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE
	06/16/04

ILLINOIS DEPARTMENT OF TRANSPORTATION

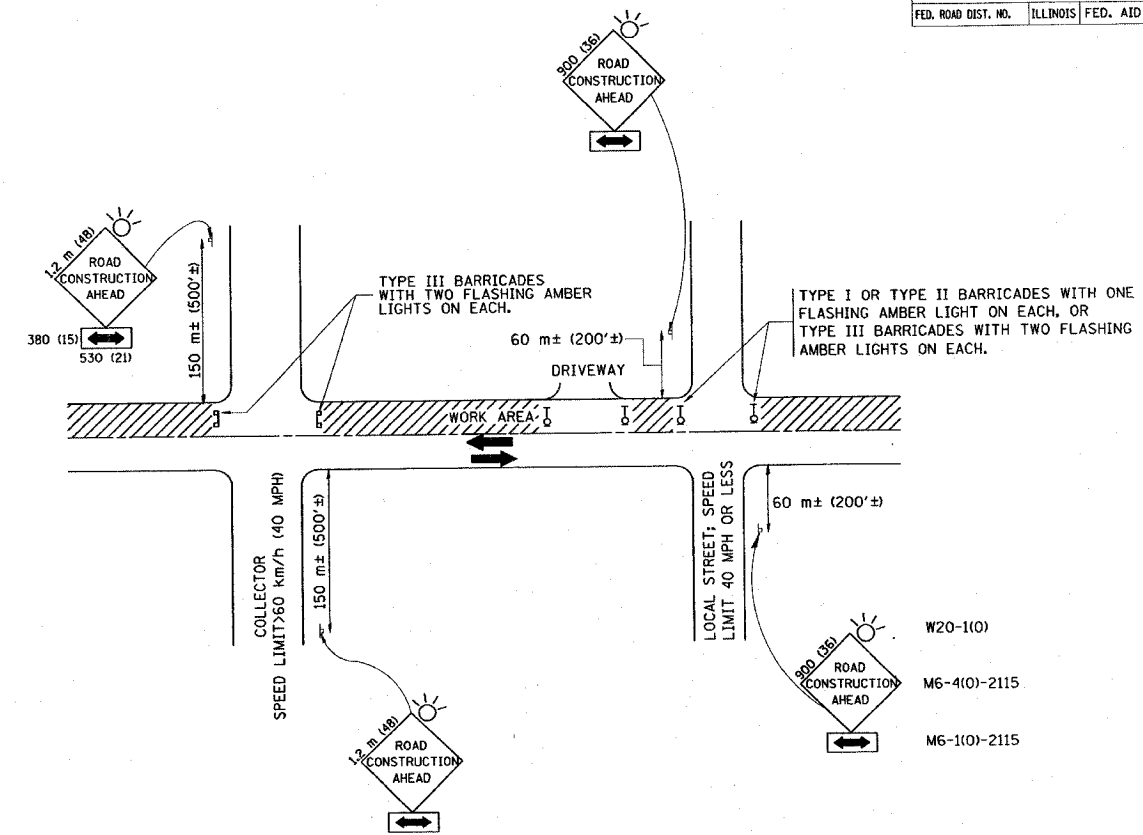
BENCHING DETAIL  
FOR EMBANKMENT  
WIDENING

SCALE: VERT. NONE  
HORIZ.

DRAWN BY: CADD  
CHECKED BY: S.E.B.  
BD-51

CONTRACT NO. 62296

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24 N-1	MCHENRY	82	54
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

1. SIDE ROAD WITH A SPEED LIMIT OF 60 km/h (40 MPH) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

a) ONE ROAD CONSTRUCTION AHEAD SIGN 900x900 (36x36) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 60 m (200') IN ADVANCE OF THE MAIN ROUTE.

b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.

2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 60 km/h (40 MPH) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

a) ONE ROAD CONSTRUCTION AHEAD SIGN 1.2 m x 1.2 m (48x48) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 150 m (500') IN ADVANCE OF THE MAIN ROUTE.

b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.

3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

REVISIONS	
NAME	DATE
LHA	6/89
T. RAMMACHER	09/08/94
J. OBERLE	10/18/95
A. HOUSEH	03/06/96
A. HOUSEH	10/15/96
T. RAMMACHER	01/06/00

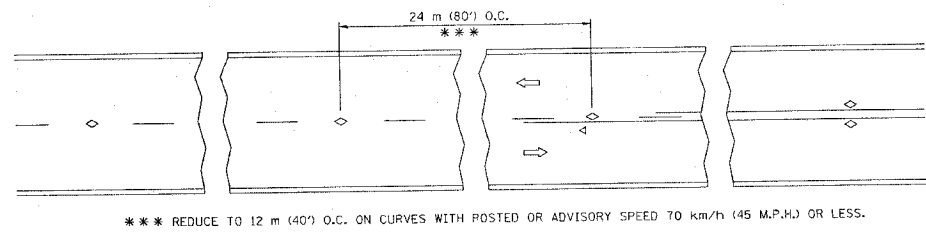
ILLINOIS DEPARTMENT OF TRANSPORTATION  
TRAFFIC CONTROL AND PROTECTION  
FOR  
SIDE ROADS, INTERSECTIONS, AND  
DRIVEWAYS

SCALE:  
DATE: 2/11/2008

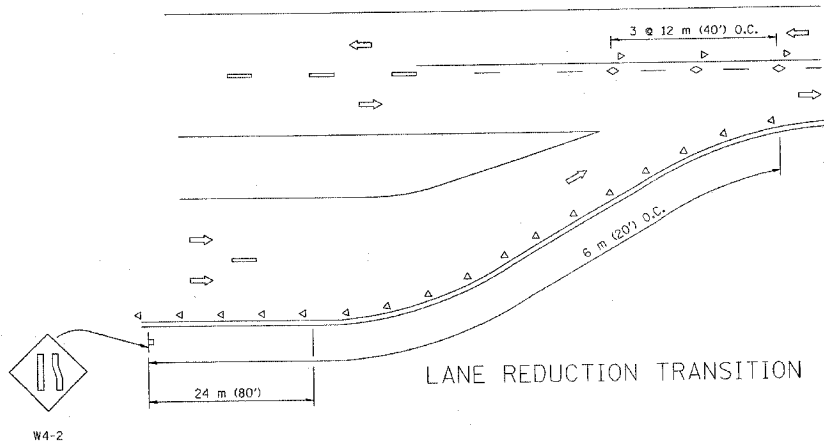
DRAWN BY  
CHECKED BY  
TC-10

REVISION DATE: 01/06/00

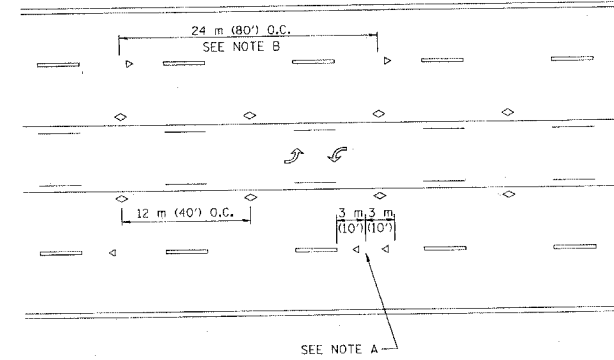
CONTRACT NO. 62296				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24 N-1	MCHENRY	82	55
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



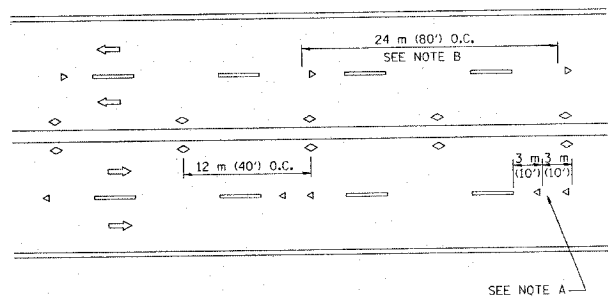
TWO-LANE/TWO-WAY



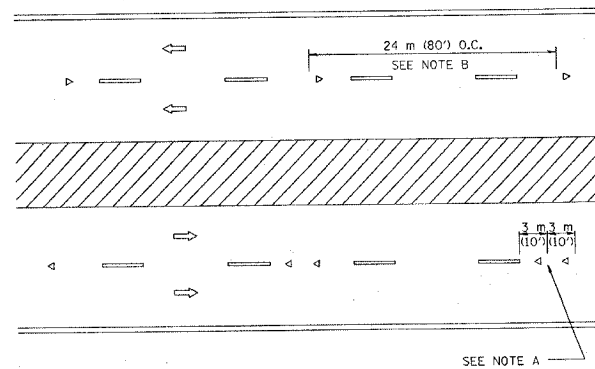
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 50 TO 75 (2 TO 3) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 150 m (500') IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

- YELLOW STRIPE
- WHITE STRIPE
- ◁ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◊ TWO-WAY AMBER MARKER

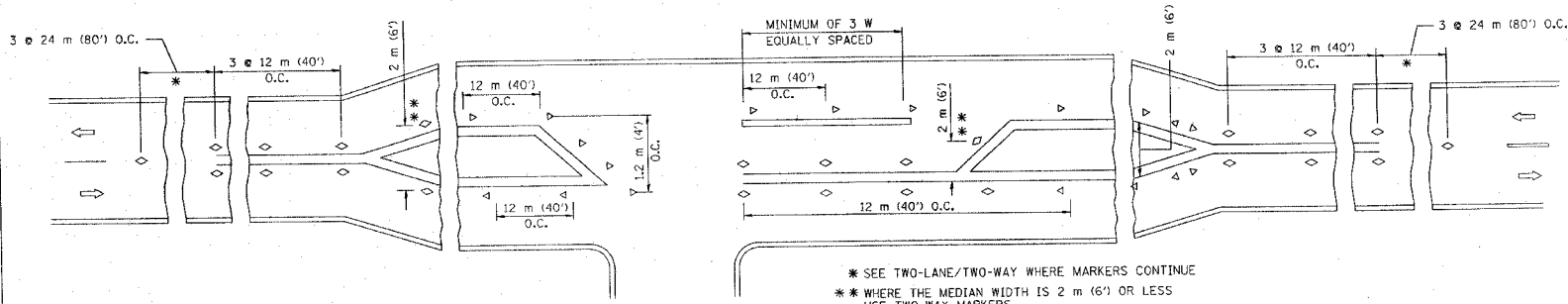
LANE MARKER NOTES

- B. REDUCE TO 12 m (40') O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 20 km/h (10 M.P.H.) LOWER THAN POSTED SPEEDS.
- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHOULD BE INCLUDED IN THE PLANS.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.

All dimensions are in millimeters (Inches) unless otherwise shown.



LEFT TURN

- \* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
- \*\* WHERE THE MEDIAN WIDTH IS 2 m (6') OR LESS USE TWO-WAY MARKERS.

REVISIONS	
NAME	DATE
T. RAMMACHER	09-19-94
T. RAMMACHER	03-12-99
T. RAMMACHER	01-06-00

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TYPICAL APPLICATIONS  
 RAISED REFLECTIVE PAVEMENT  
 MARKERS (SNOW-PLOW RESISTANT)

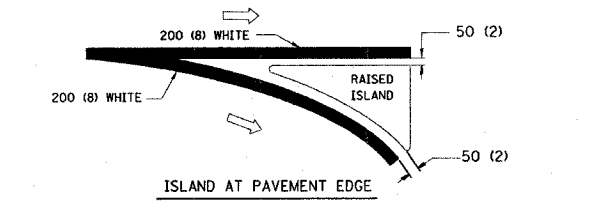
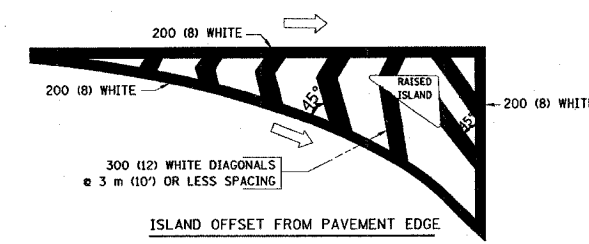
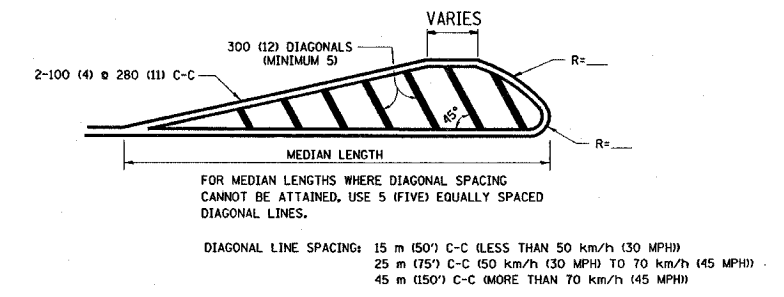
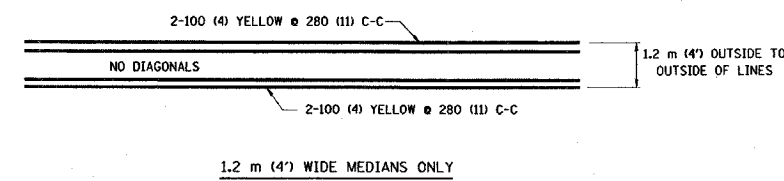
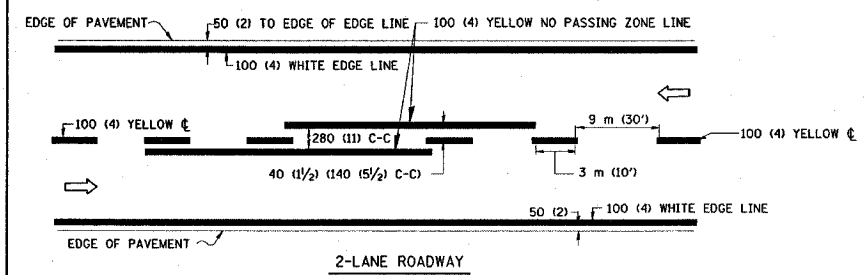
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DRAWN BY CADD  
 CHECKED BY TC-11

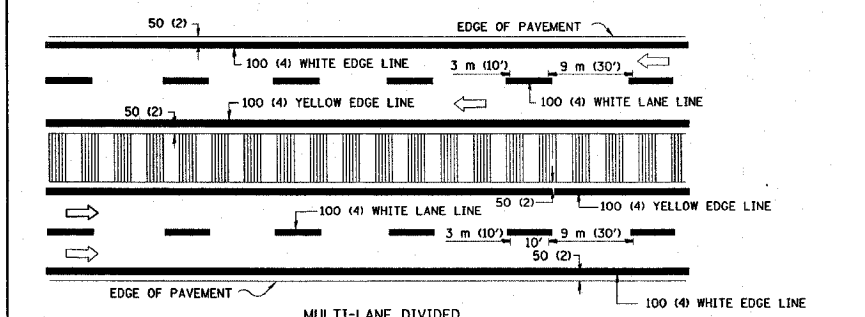
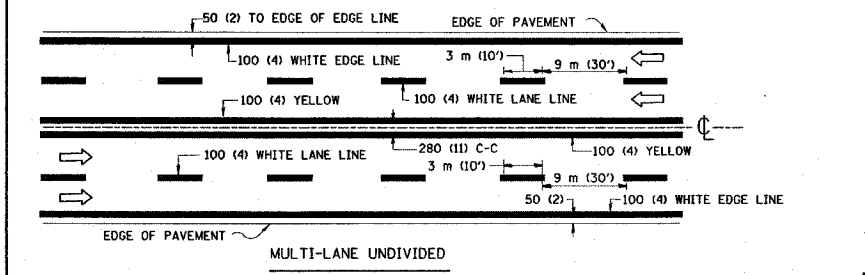
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 USER NAME = ahram11b

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
324	24 N-1	MCHENRY	82
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

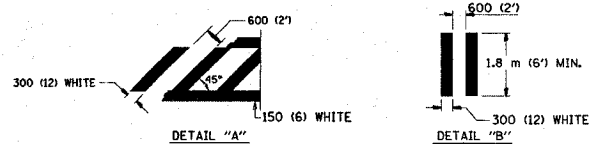
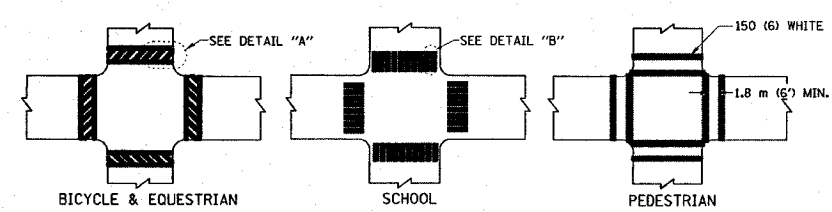


TYPICAL ISLAND MARKING

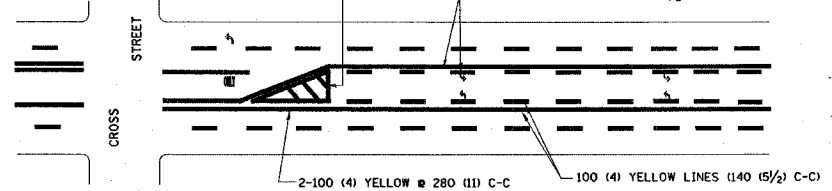


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

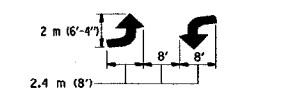
TYPICAL LANE AND EDGE LINE MARKING



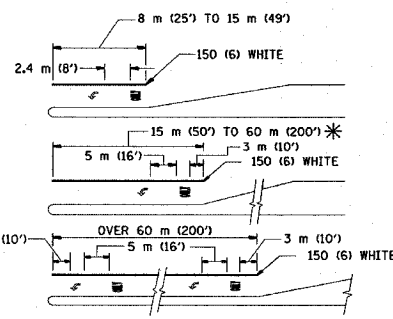
TYPICAL CROSSWALK MARKING



A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 60 m (200') TO 90 m (300') INTERVALS.



TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 2.4 m (8') AND ARROWS SHALL BE USED. AREA = 1.5 m<sup>2</sup> (15.6 SQ. FT.) AREA = 1.9 m<sup>2</sup> (20.8 SQ. FT.)

\* TURN LANES IN EXCESS OF 120 m (400') IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	100 (4)	SKIP-DASH	YELLOW	3 m (10') LINE WITH 9 m (30') SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 100 (4)	SOLID	YELLOW	280 (11) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	100 (4) 2 @ 100 (4)	SOLID SOLID	YELLOW YELLOW	140 (5 1/2) C-C FROM SKIP-DASH CENTERLINE 280 (11) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	100 (4) 125 (5) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	3 m (10') LINE WITH 9 m (30') SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	600 (2') LINE WITH 1.8 m (6') SPACE
EDGE LINES	100 (4)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	150 (6) LINE; FULL SIZE LETTERS & SYMBOLS (2.4 m (8'))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 100 (4) EACH DIRECTION 2.4 m (8') LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	3 m (10') LINE WITH 9 m (30') SPACE FOR SKIP-DASH; 140 (5 1/2) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 150 (6) 300 (12) @ 45° 300 (12) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 1.8 m (6') APART 600 (2') APART 600 (2') APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	600 (24)	SOLID	WHITE	PLACE 1.2 m (4') IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 100 (4) WITH 300 (12) DIAGONALS @ 45° NO DIAGONALS USED FOR 1.2 m (4') WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	280 (11) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	200 (8) WITH 300 (12) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 4.5 m (15') C-C (LESS THAN 50 km/h (30 MPH)) 6 m (20') C-C (50 km/h (30 MPH) TO 70 km/h (45 MPH)) 9 m (30') C-C (OVER 70 km/h (45 MPH))
RAILROAD CROSSING	600 (24) TRANSVERSE LINES; "RR" IS 1.8 m (6') LETTERS; 400 (16) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=0.33m <sup>2</sup> (3.6 SQ. FT.) EACH "X"=5.0 m <sup>2</sup> (54.0 SQ. FT.)
SHOULDER DIAGONALS	300 (12) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	15 m (50') C-C (LESS THAN 50 km/h (30 MPH)) 25 m (75') C-C (50 km/h (30 MPH) TO 70 km/h (45 MPH)) 45 m (150') C-C (OVER 70 km/h (45 MPH))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in millimeters (inches) unless otherwise shown.

REVISIONS	
NAME	DATE
EVERS	03-19-90
T. RAMMACHER	10-27-94
ALEX HOUSEH	10-09-96
ALEX HOUSEH	10-17-96
T. RAMMACHER	01-06-00

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DISTRICT ONE  
TYPICAL PAVEMENT MARKINGS

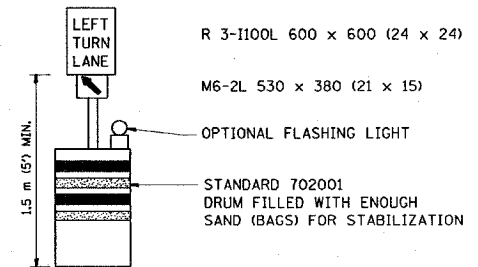
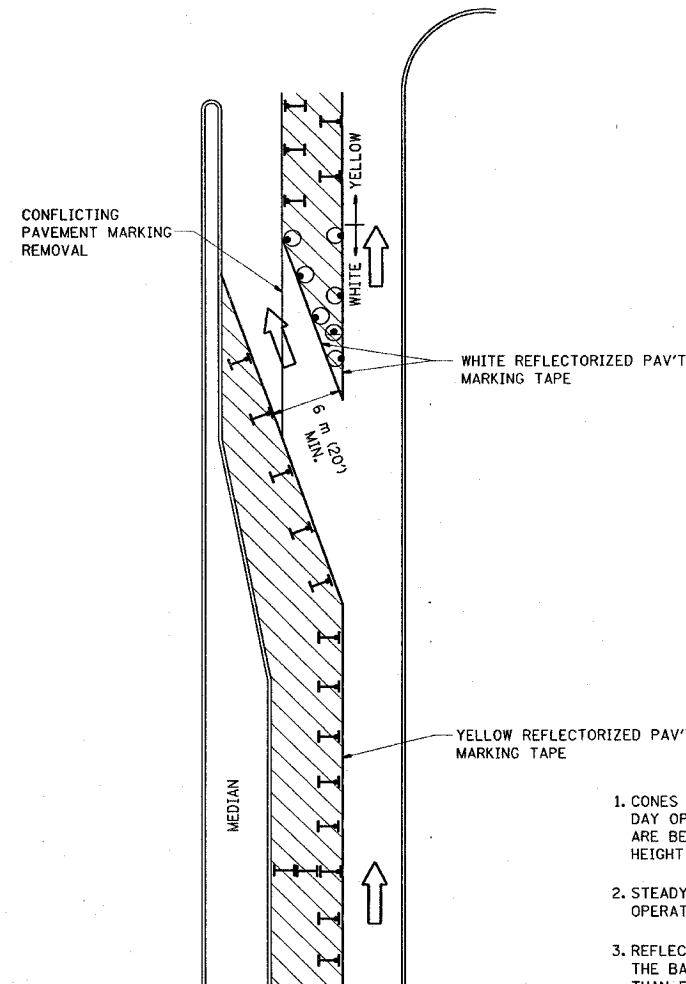
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DATE: 2/11/2008  
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CHECKED BY  
TC-13  
REVISION DATE: 01/06/00

PLOT DATE = 2/11/2008  
PLOT SCALE = 1:1  
USER NAME = shurenab



CONTRACT NO. 62296

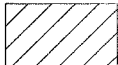





F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24 N-1	MCHENRY	82	57
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**GENERAL NOTES**

1. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 710 (28) IN HEIGHT. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 1.5 m (5').
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 600 x 600 (24 x 24) AND M6-2R 530 x 380 (21 x 15) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM BT 725 IS REQUIRED.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

**LEGEND**

-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

All dimensions are in millimeters (inches) unless otherwise shown.

REVISIONS	
NAME	DATE
T. RAMMACHER	09/08/94
A. HOUSEH	11/07/95
A. HOUSEH	10/12/96
T. RAMMACHER	01/06/00

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)**

SCALE: NONE  
 DATE: 2/11/2008

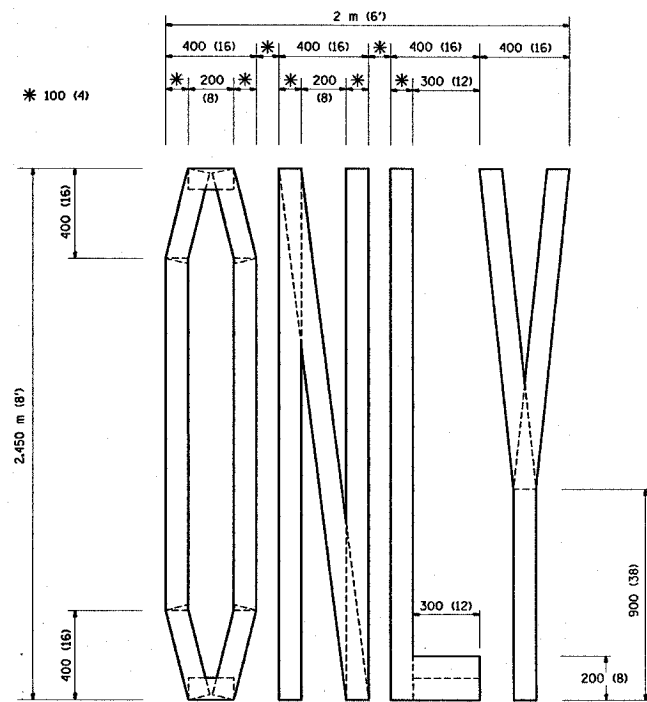
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TC-14  
 REVISION DATE: 01/05/00

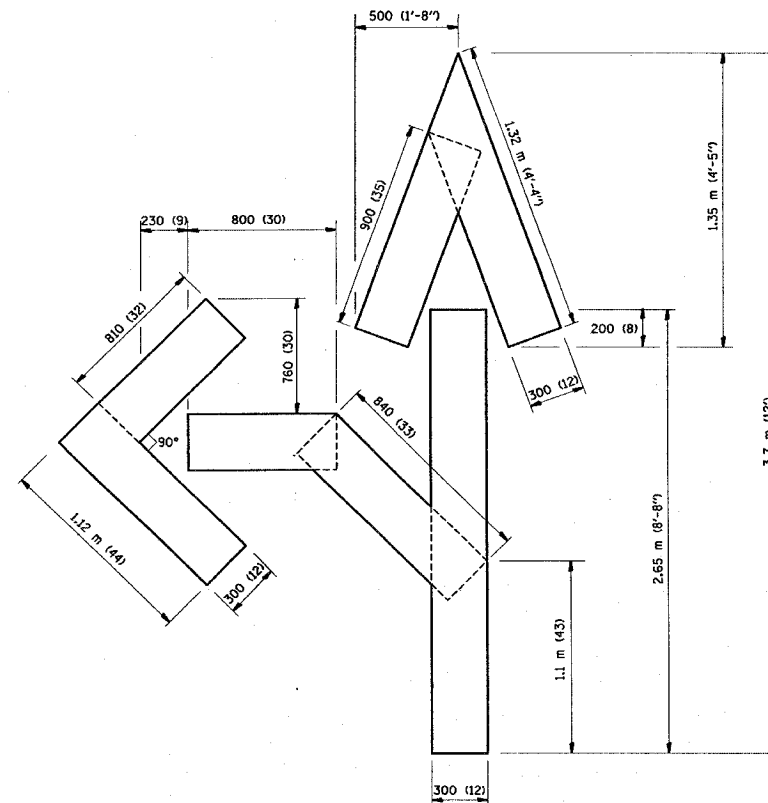
PLOT DATE = 2/11/2008  
 FILE NAME = P:\Data\04\041-IL23\vol4.dgn  
 USER = 543880 / JN  
 USER NAME = JN

CONTRACT NO. 62296

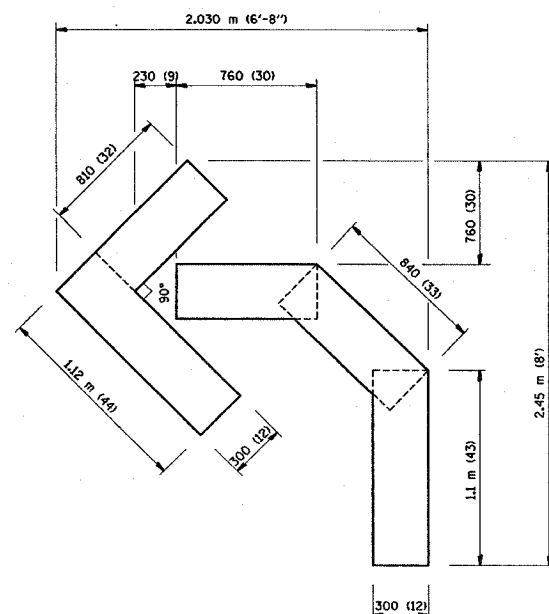
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24 N-1	MCHENRY	82	58
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



QUANTITY  
 100 (4) LINE = 19.7 m (64.1 ft.)  
 1.97 sq. m (21.1 sq. ft.)



QUANTITY  
 100 (4) LINE = 25.3 m (82.5 ft.)  
 2.53 sq. m (27.5 sq. ft.)



QUANTITY  
 100 (4) LINE = 13.9 m (45.5 ft.)  
 1.39 sq. m (15.2 sq. ft.)

All dimensions are in millimeters (inches) unless otherwise shown.

REVISIONS	
NAME	DATE
T. RAMMACHER	09/18/94
J. OBERLE	06/01/96
T. RAMMACHER	06/05/96
T. RAMMACHER	11/04/97
T. RAMMACHER	03/02/98
E. GOMEZ	08/28/00

ILLINOIS DEPARTMENT OF TRANSPORTATION

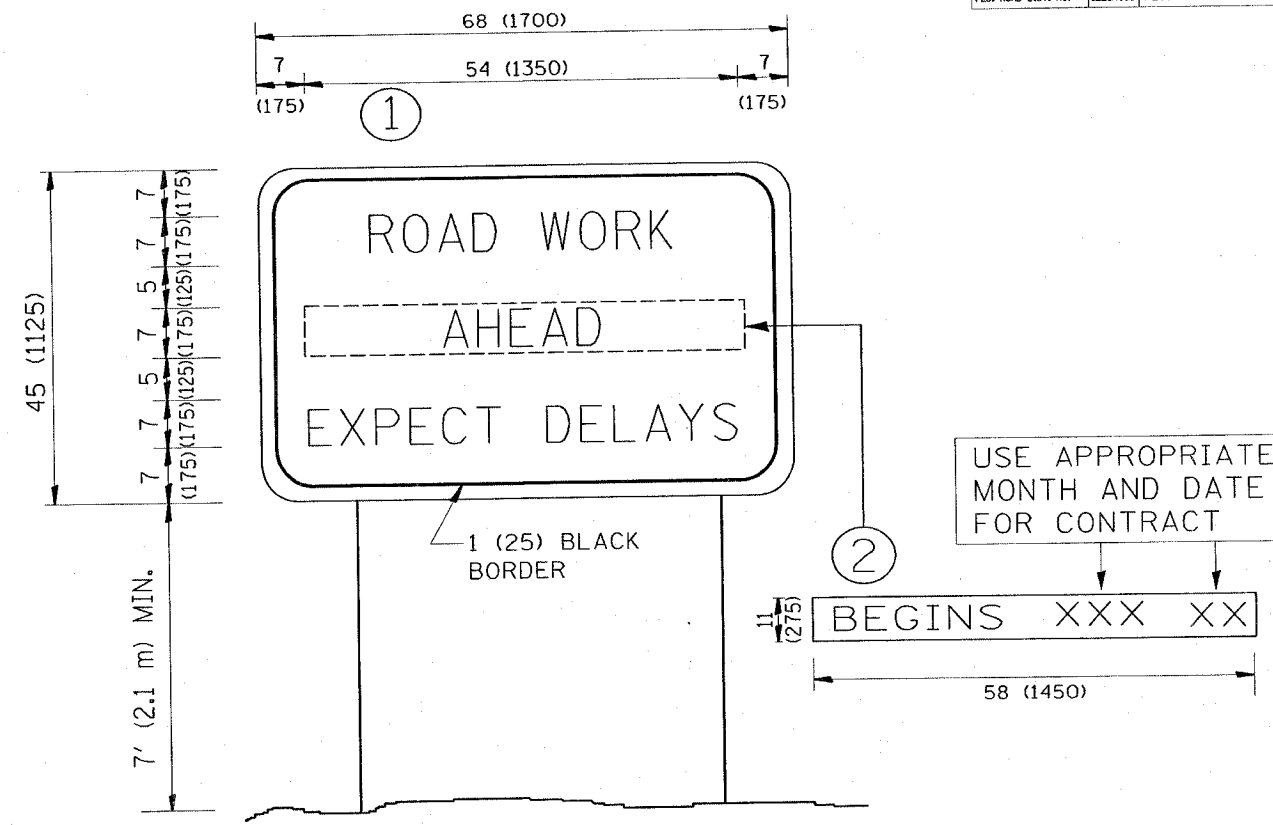
PAVEMENT MARKING  
 LETTERS AND SYMBOLS  
 FOR TRAFFIC STAGING

SCALE: NONE  
 DATE: 2/11/2008

DRAWN BY CADD  
 CHECKED BY  
 TC-16

REVISION DATE: 08/28/00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24 N-1	MCHENRY	82	59
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE
R. MIRS	9-15-97
R. MIRS	12-11-97
T. RAMMACHER	2-2-99
C. JUCIUS	1-31-07

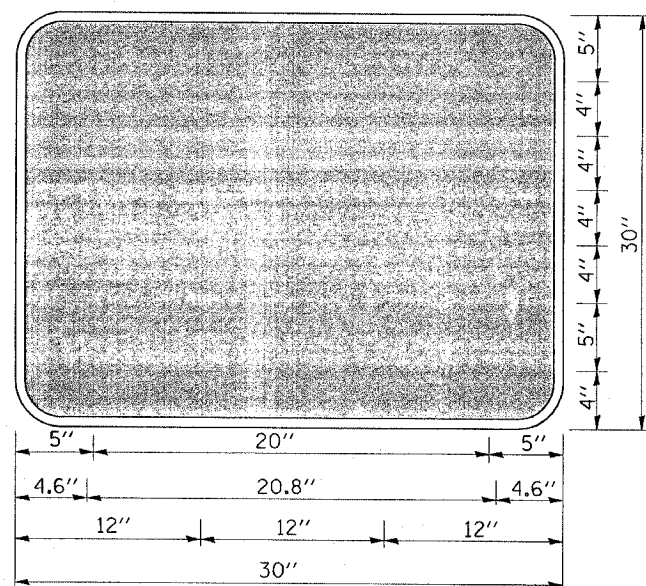
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**ARTERIAL ROAD  
 INFORMATION SIGN**

SCALE: NONE

DRAWN BY DESIGN  
 CHECKED BY  
 TC22

CONTRACT NO. 62296

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	McHENRY	82	60
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

**NOTES:**

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

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 PLOT SCALE = 5/8" = 1' IN.  
 USER NAME = shreenu

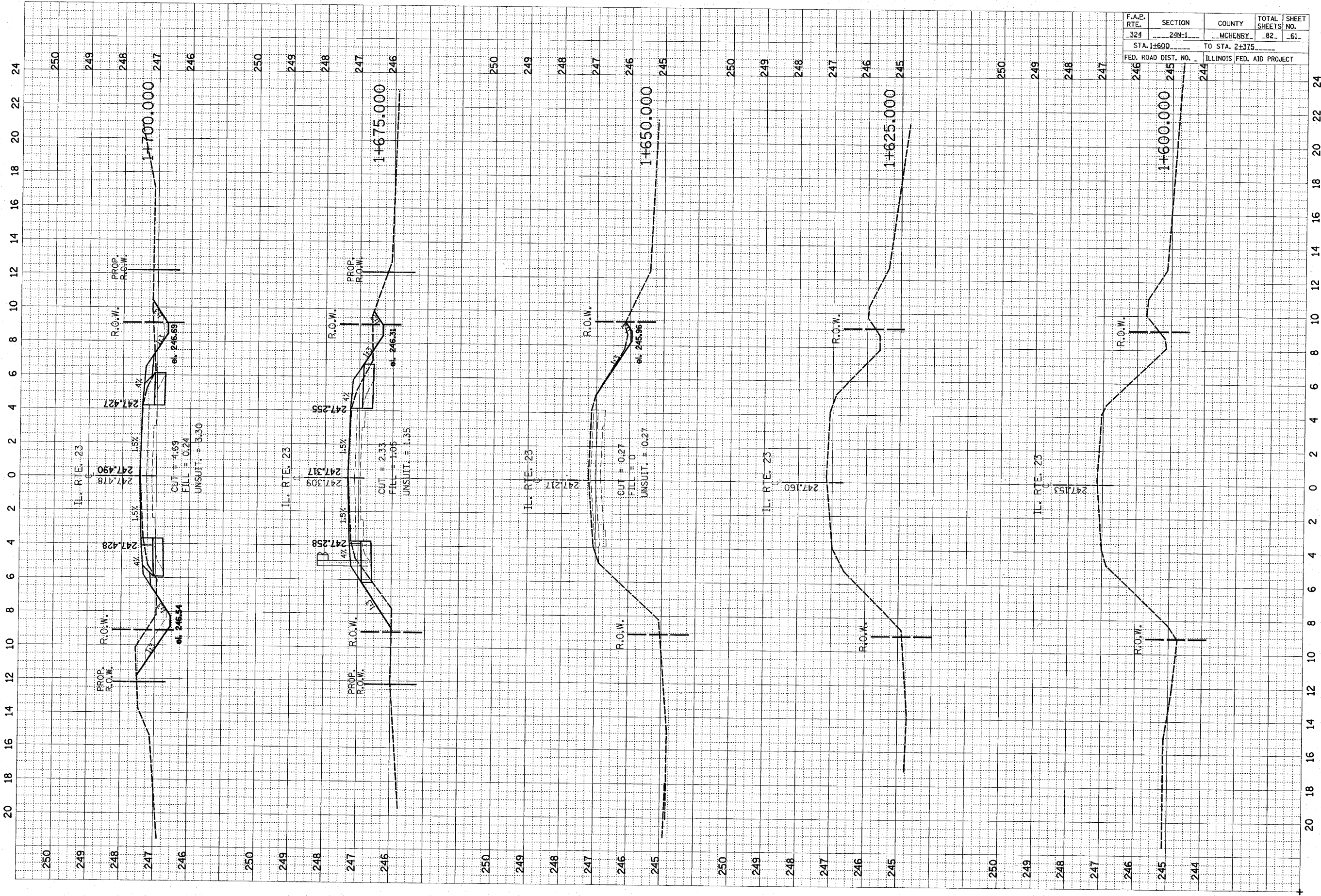
REVISIONS	
NAME	DATE
C. JUCIUS	02/15/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

**DRIVEWAY ENTRANCE SIGNING**

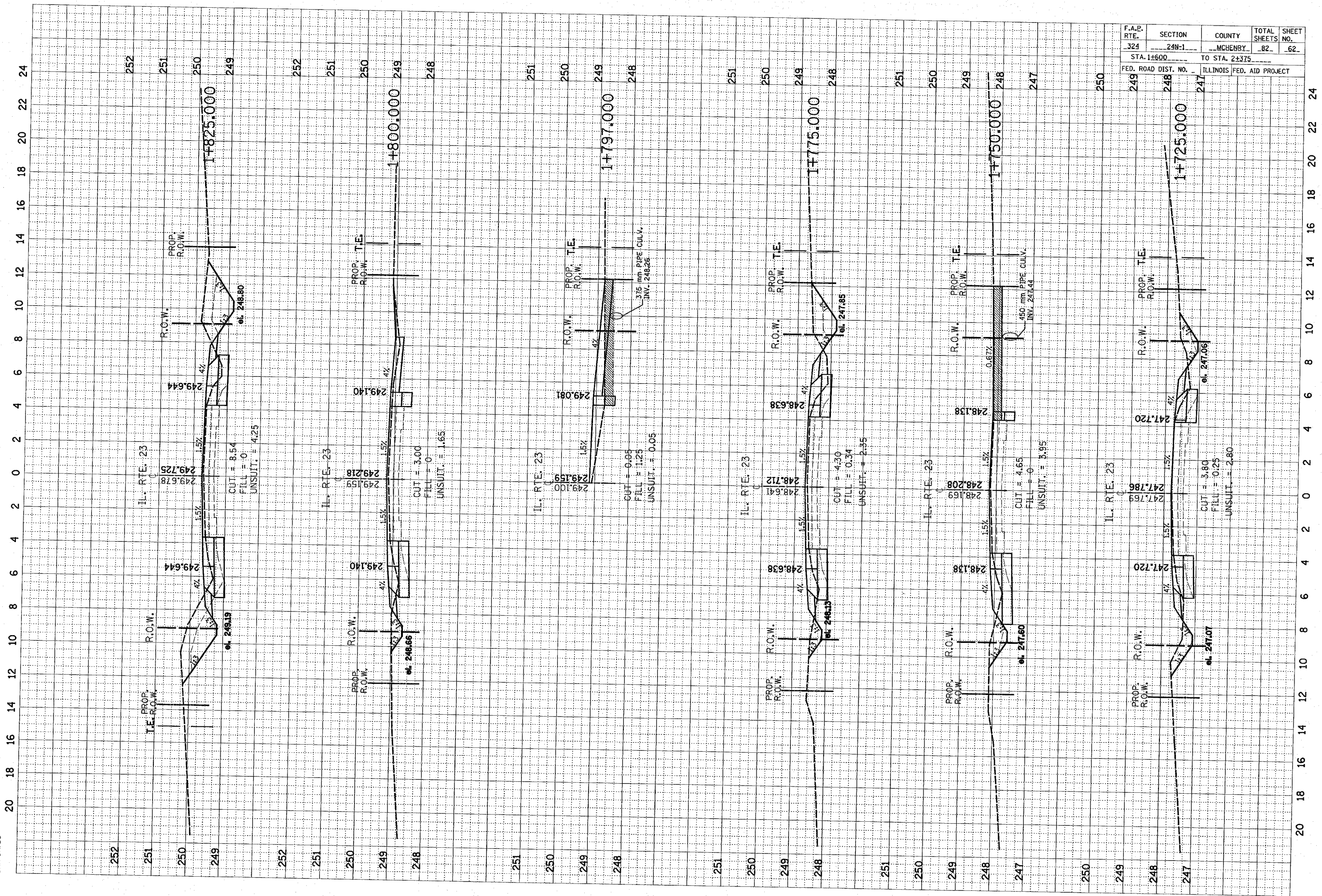
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 DATE

DRAWN BY R.H.  
 CHECKED BY



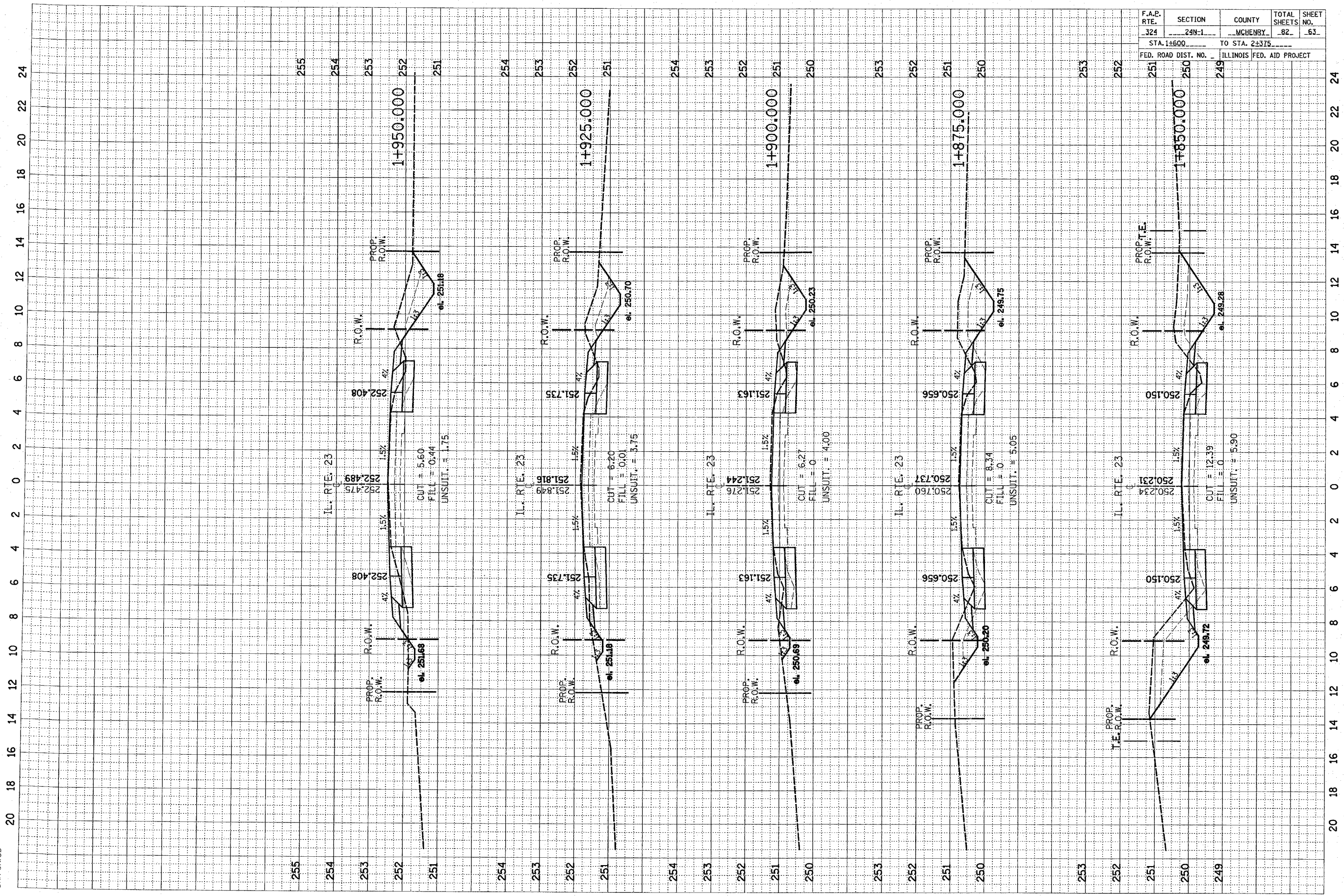
F.A.E. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
329	249-1	MCHENRY	82	61
STA. 1+600		TO STA. 2+375		
FED. ROAD DIST. NO. 246		ILLINOIS FED. AID PROJECT		

2/13/2008  
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 shranisb

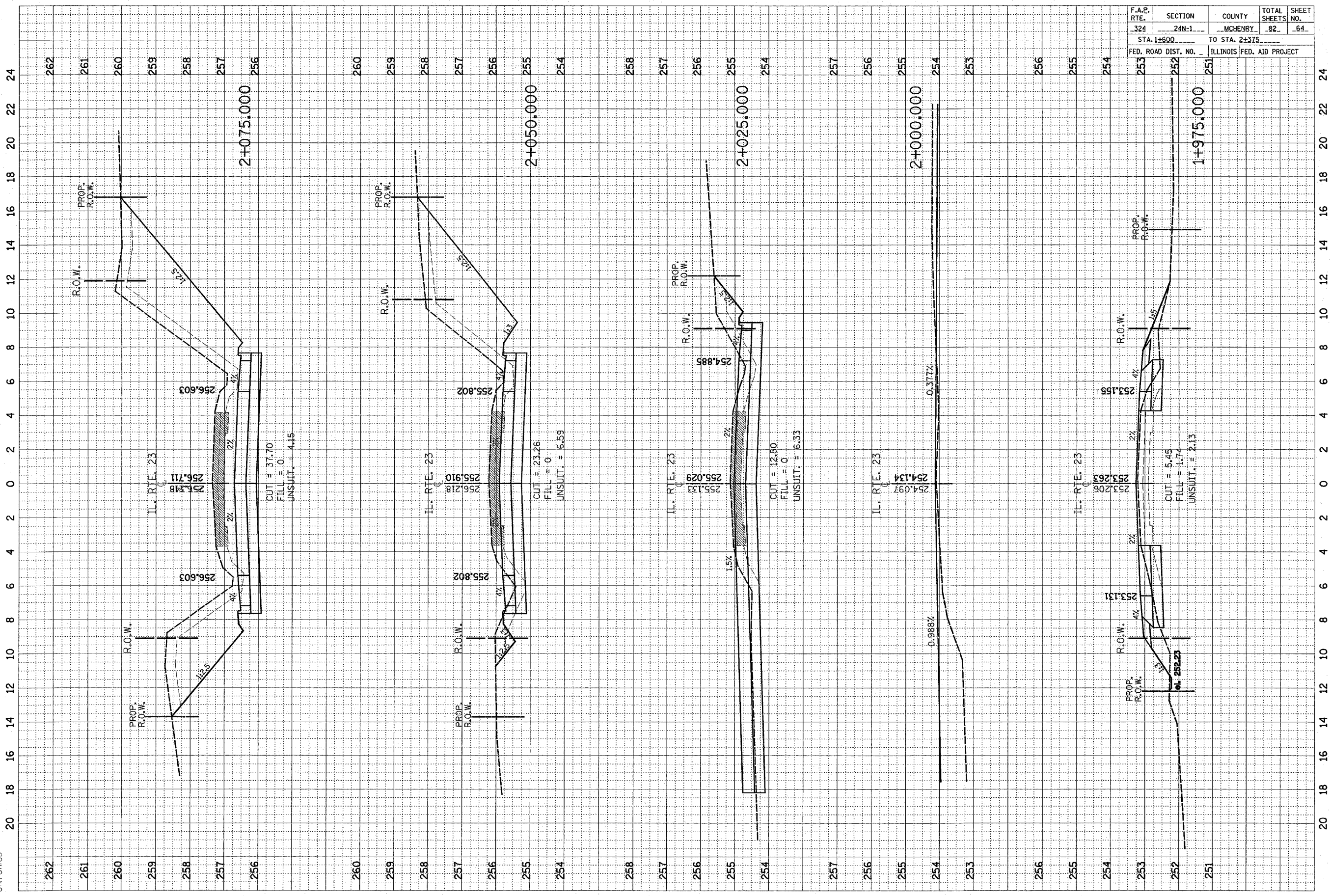


F.A.E. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.	SHEET NO.
324	24N-1	MCHENBY	82	62
STA. 1+600		TO STA. 2+375		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

2/13/2008  
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 shtr am/sb

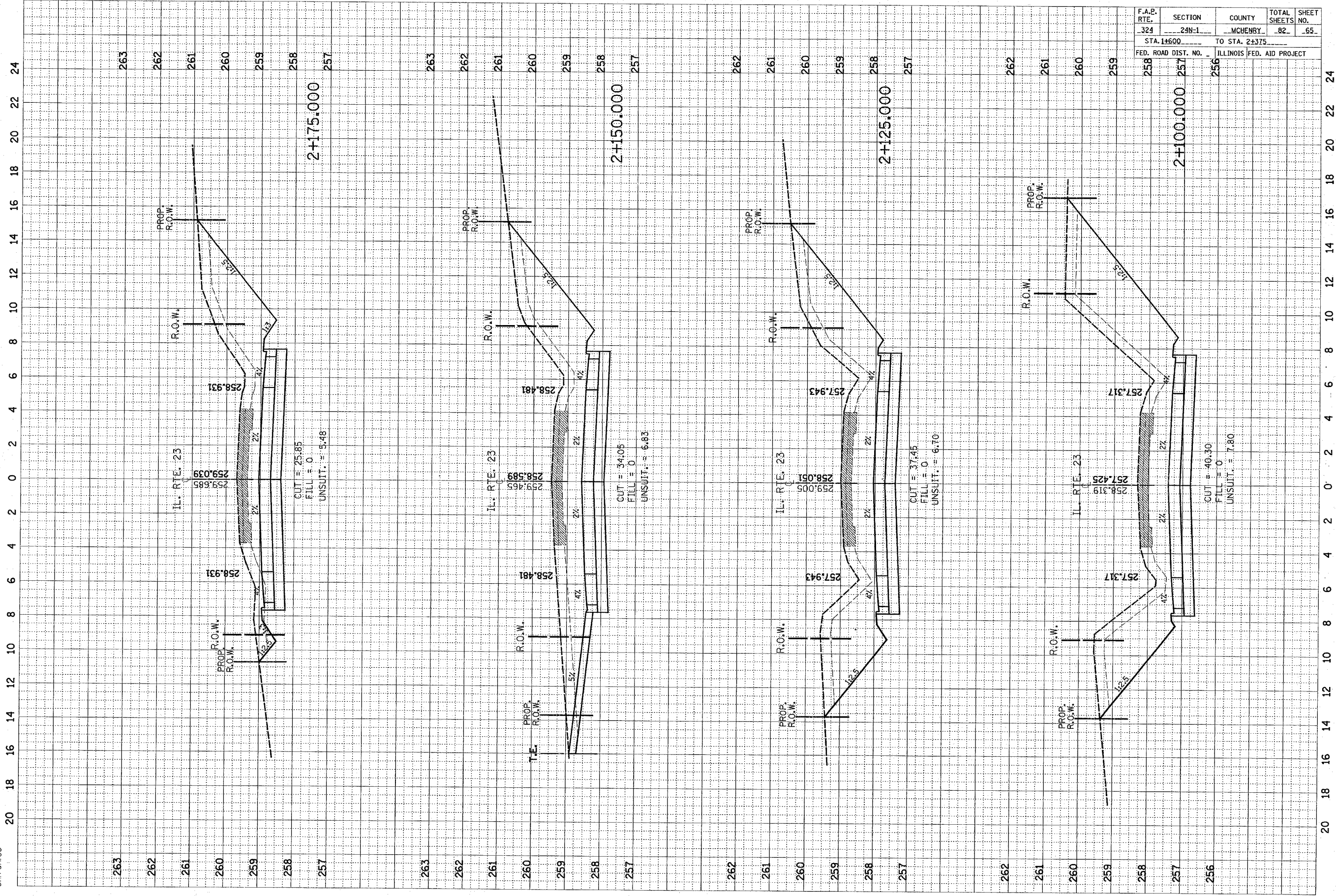


F.A.E. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	249-1	MCHENRY	62	63
STA. 1+600		TO STA. 2+375		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

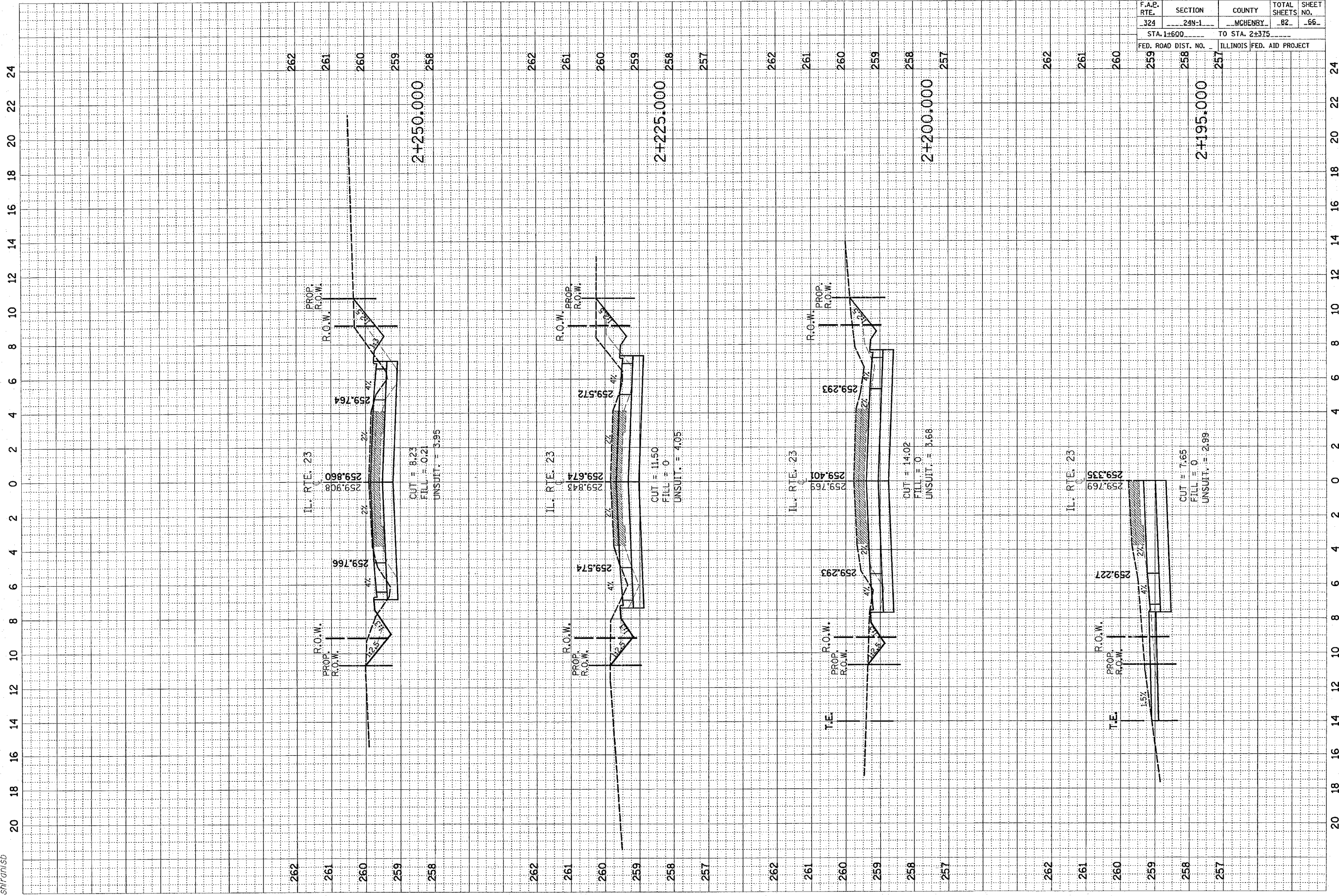


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	MCHENRY	82	64
STA. 1+600		TO STA. 2+375		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

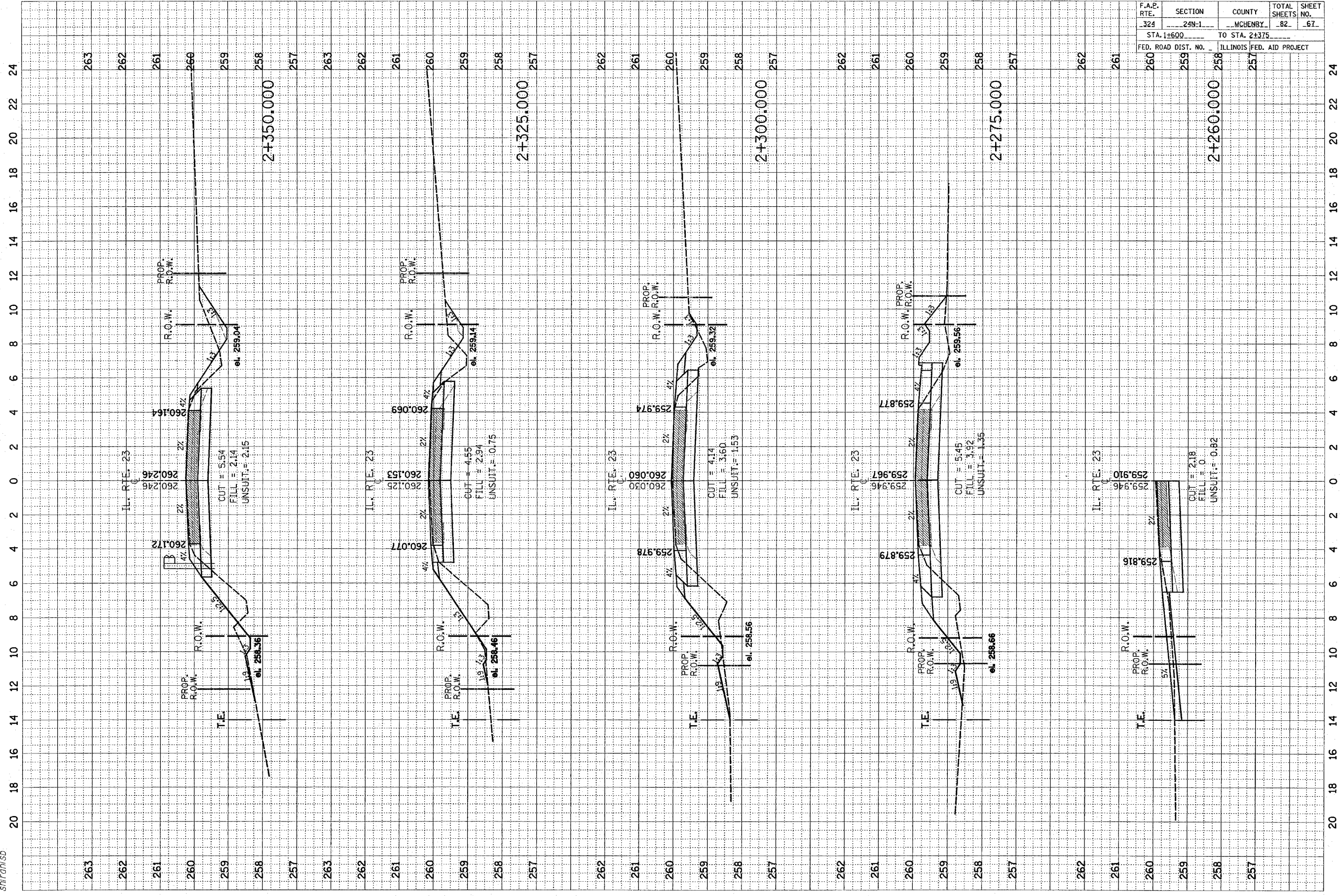




F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	MCHENRY	82	65
STA. 1+600		TO STA. 2+375		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

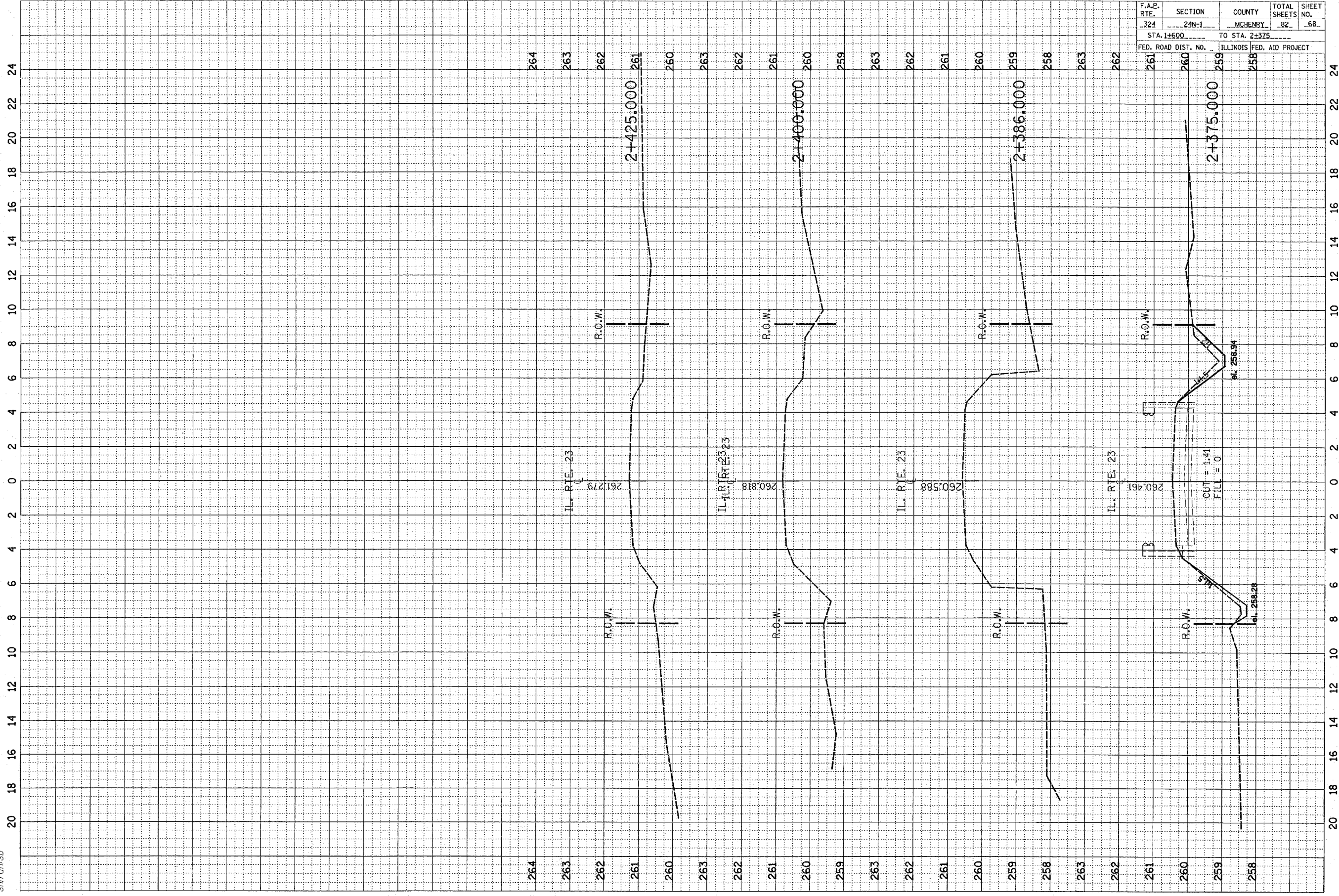


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	MCHENRY	82	66
STA. 1+600		TO STA. 2+375		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

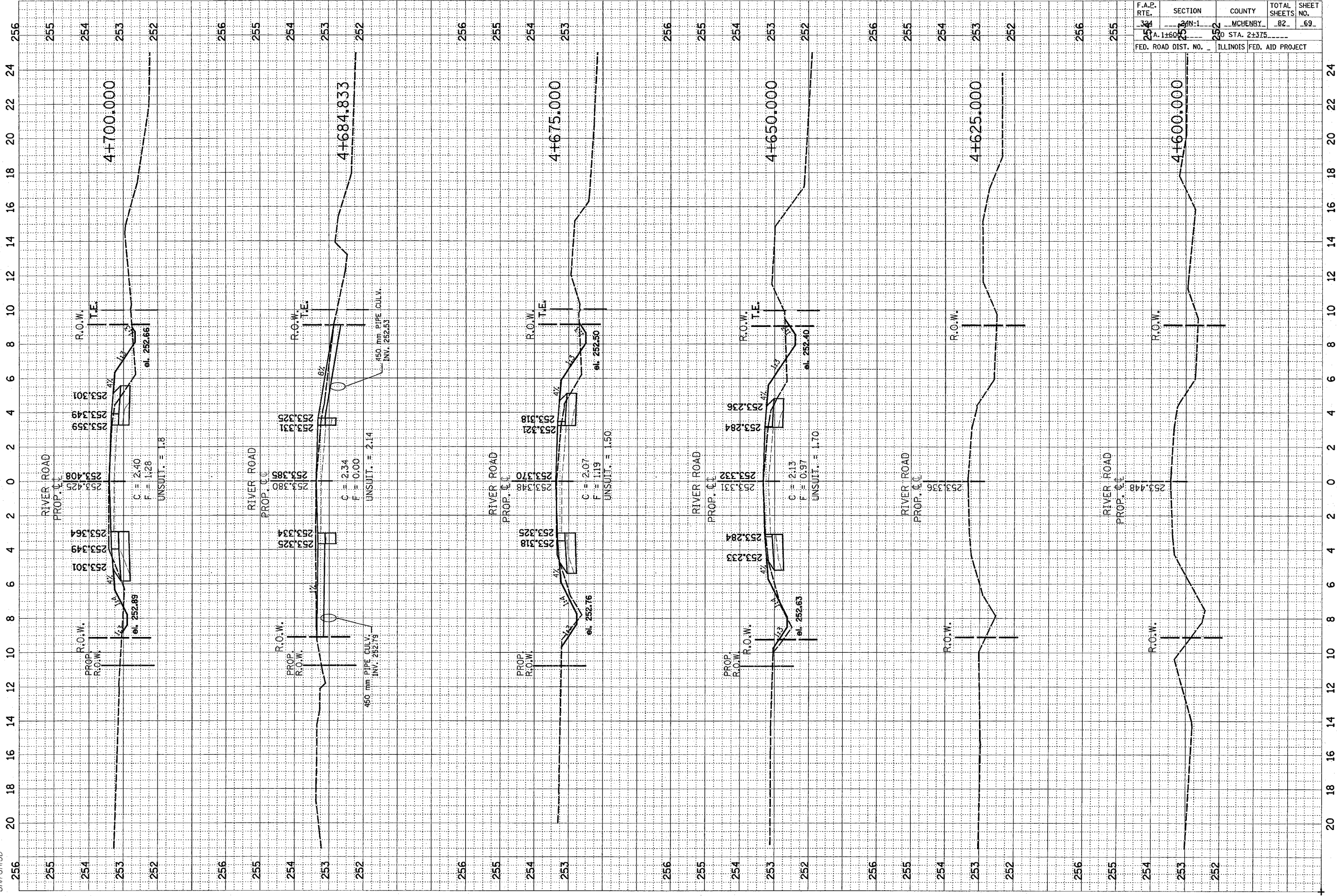


F.A.E. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	MCHENRY	82	67
STA. 1+600		TO STA. 2+375		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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 shlrant/sb

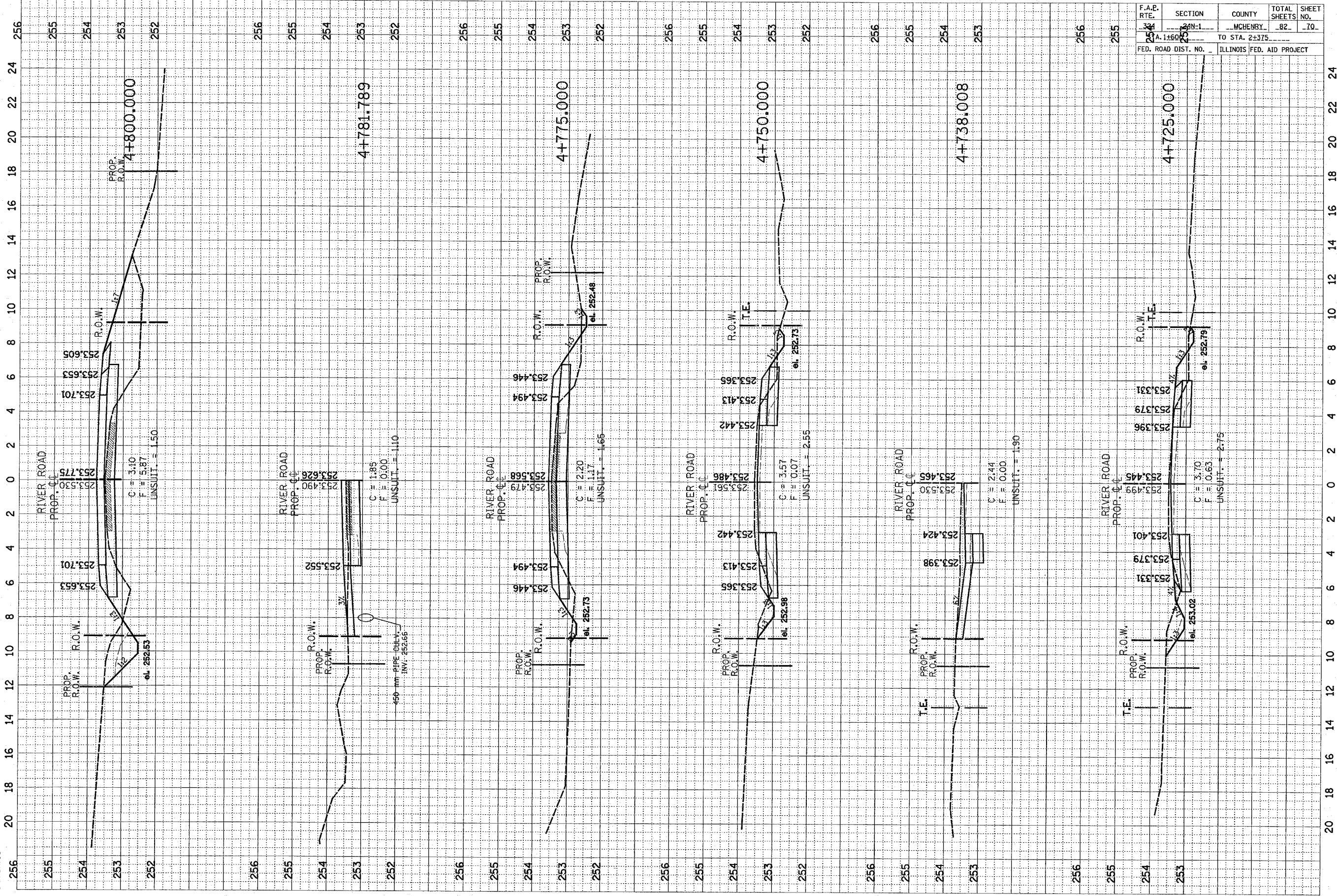


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	MCHENRY	82	68
STA. 1+600		TO STA. 2+375		
FED. ROAD DIST. No.		ILLINOIS FED. AID PROJECT		



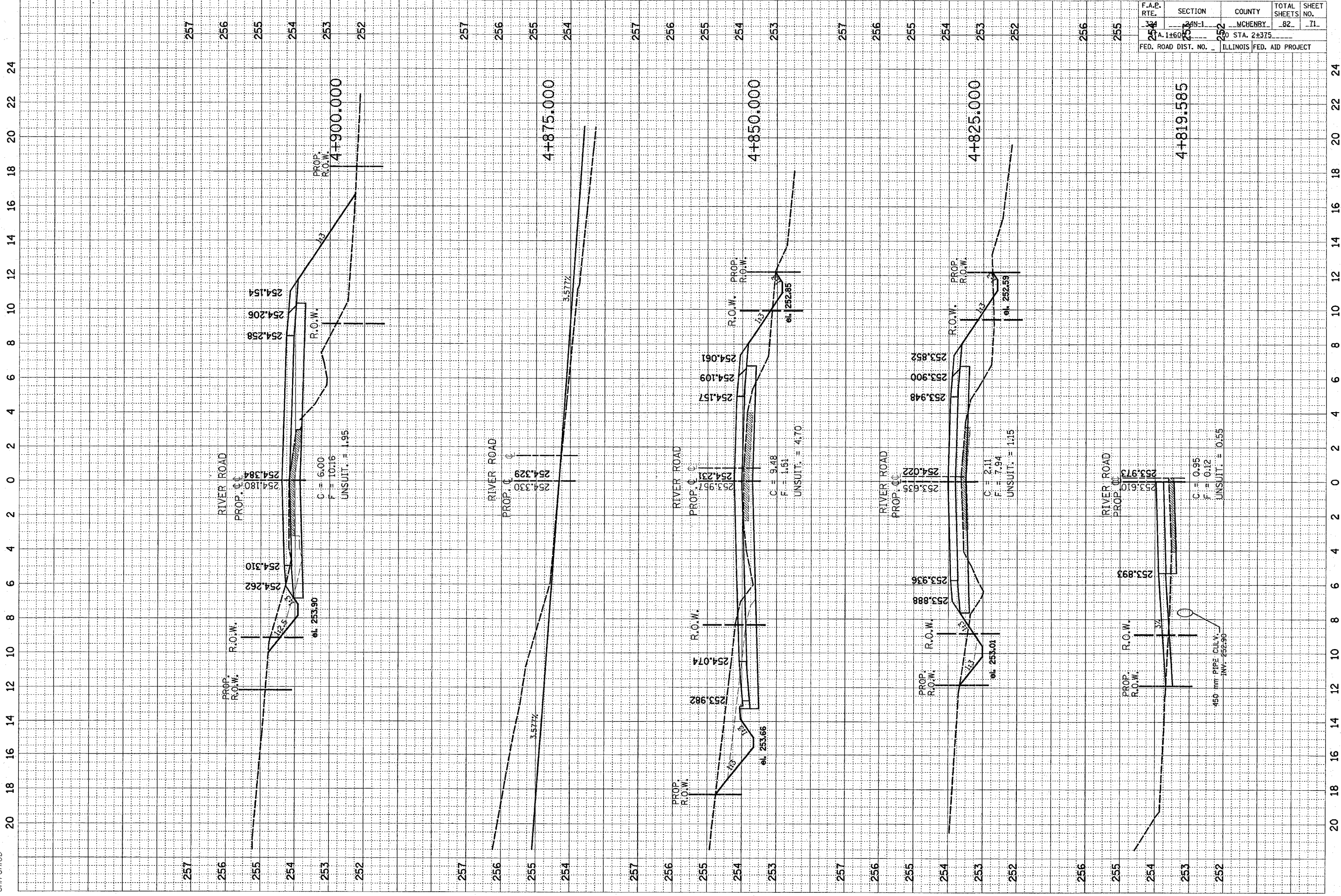
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
384	2N-1	MCHENRY	82	69
254	A.1+600.000	252	0	STA. 2+375
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT

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 shiranib

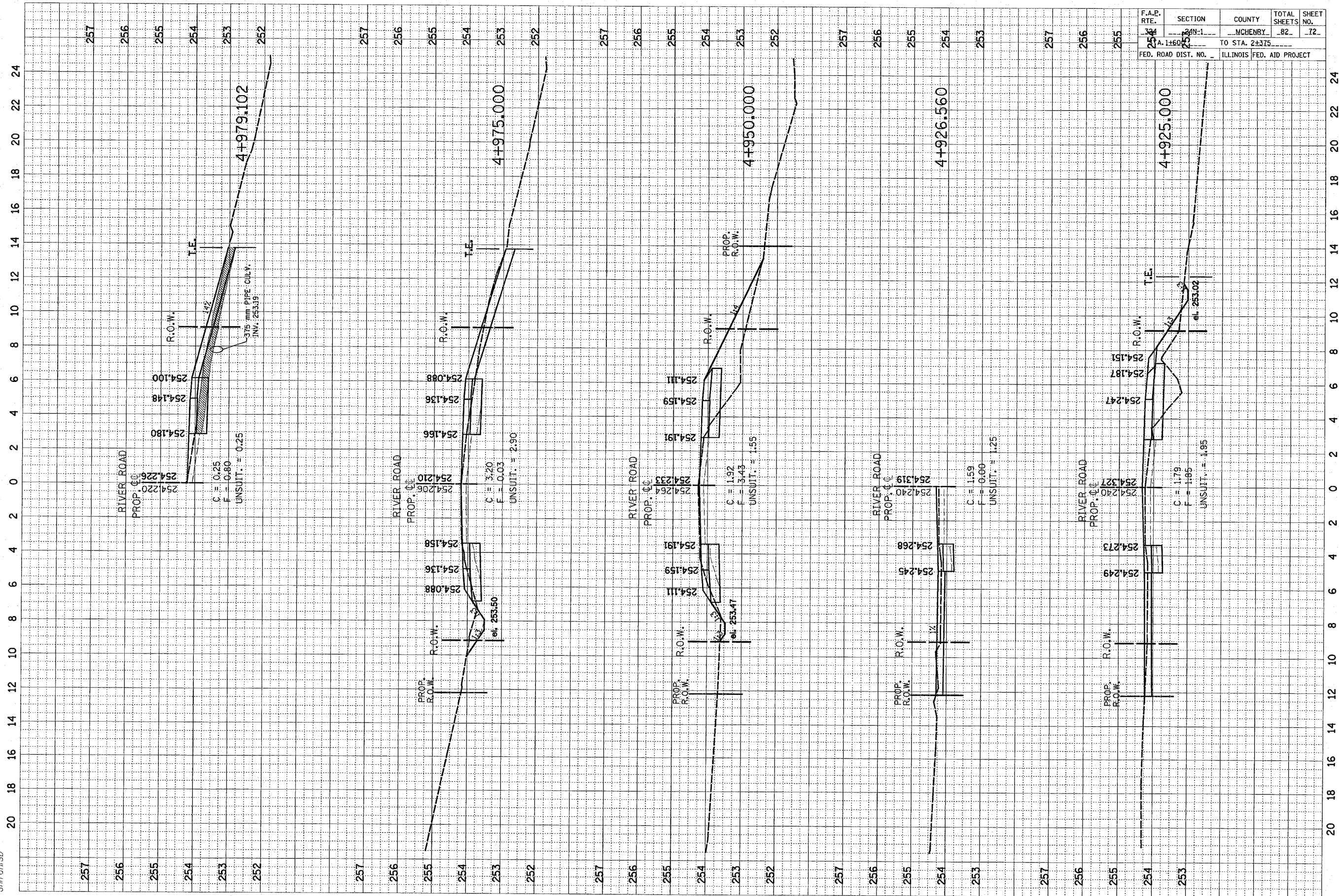


F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
254	24N-1	MCHENRY	82	70
TO STA. 2+375				
FED. ROAD DIST. NO. 1160		ILLINOIS FED. AID PROJECT		

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 shirani.sb

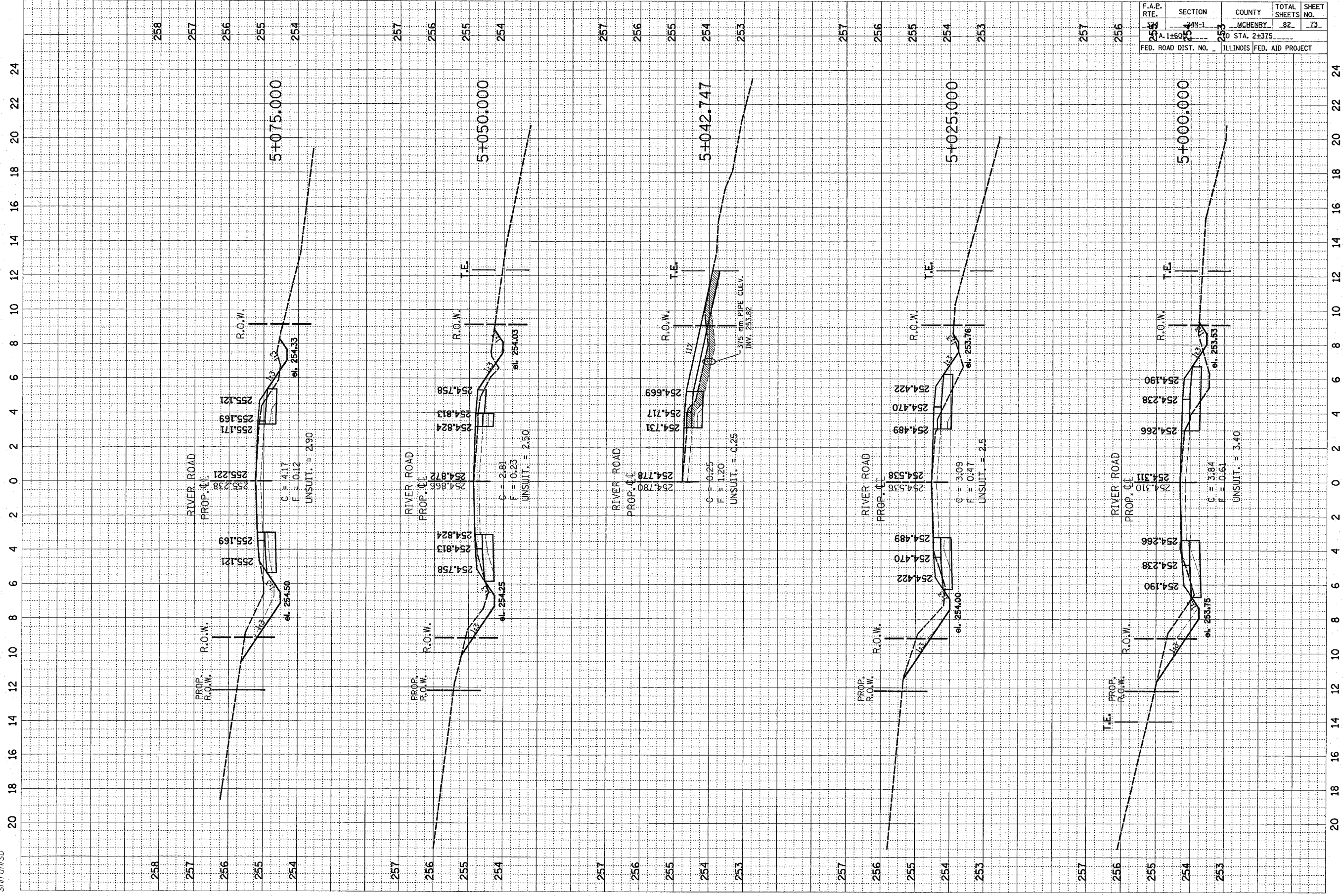


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	1	MCHENRY	82	71
254	253	252	251	250
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

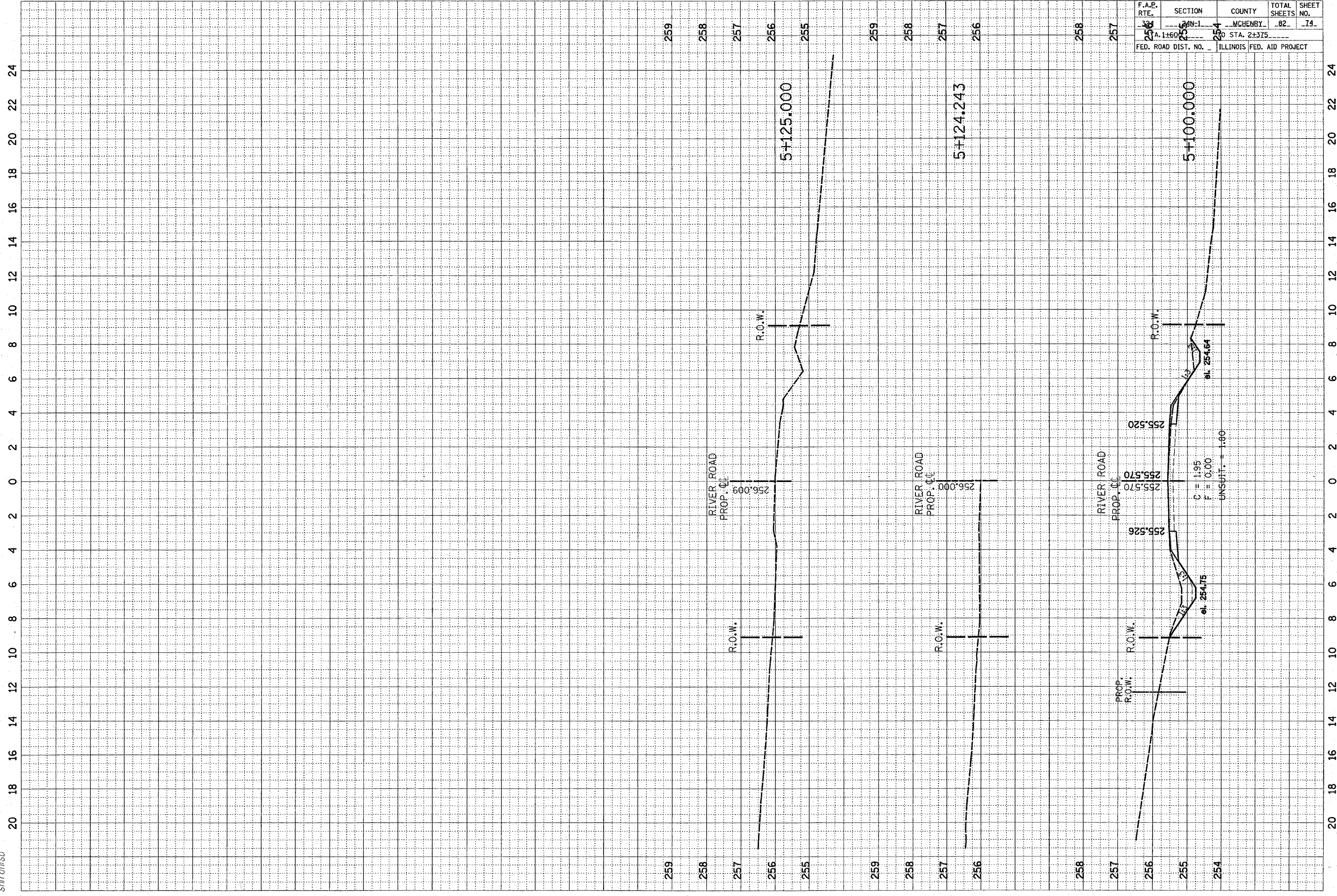


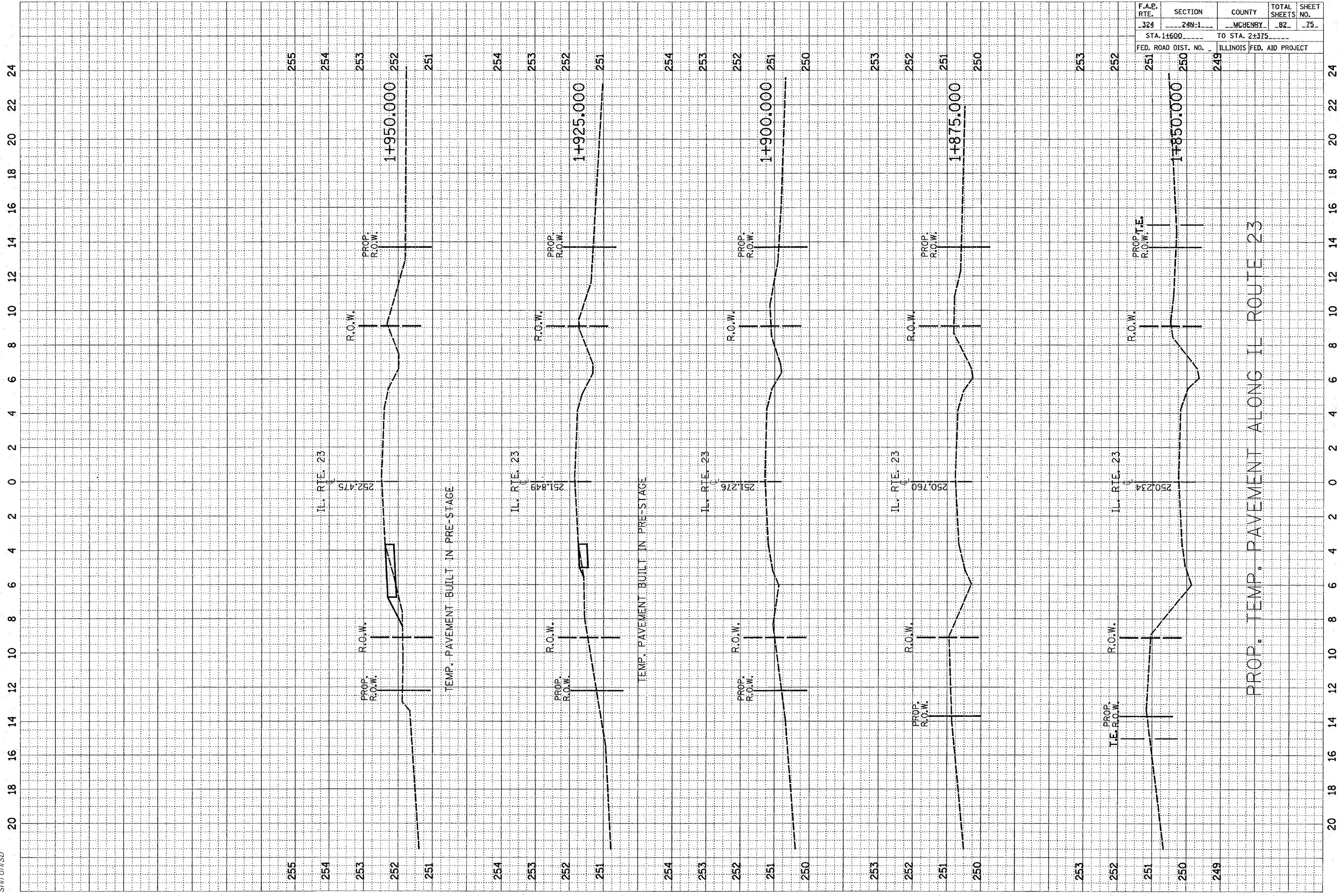
F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	249-1	MCHENRY	82	72
TO STA. 2+375				
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



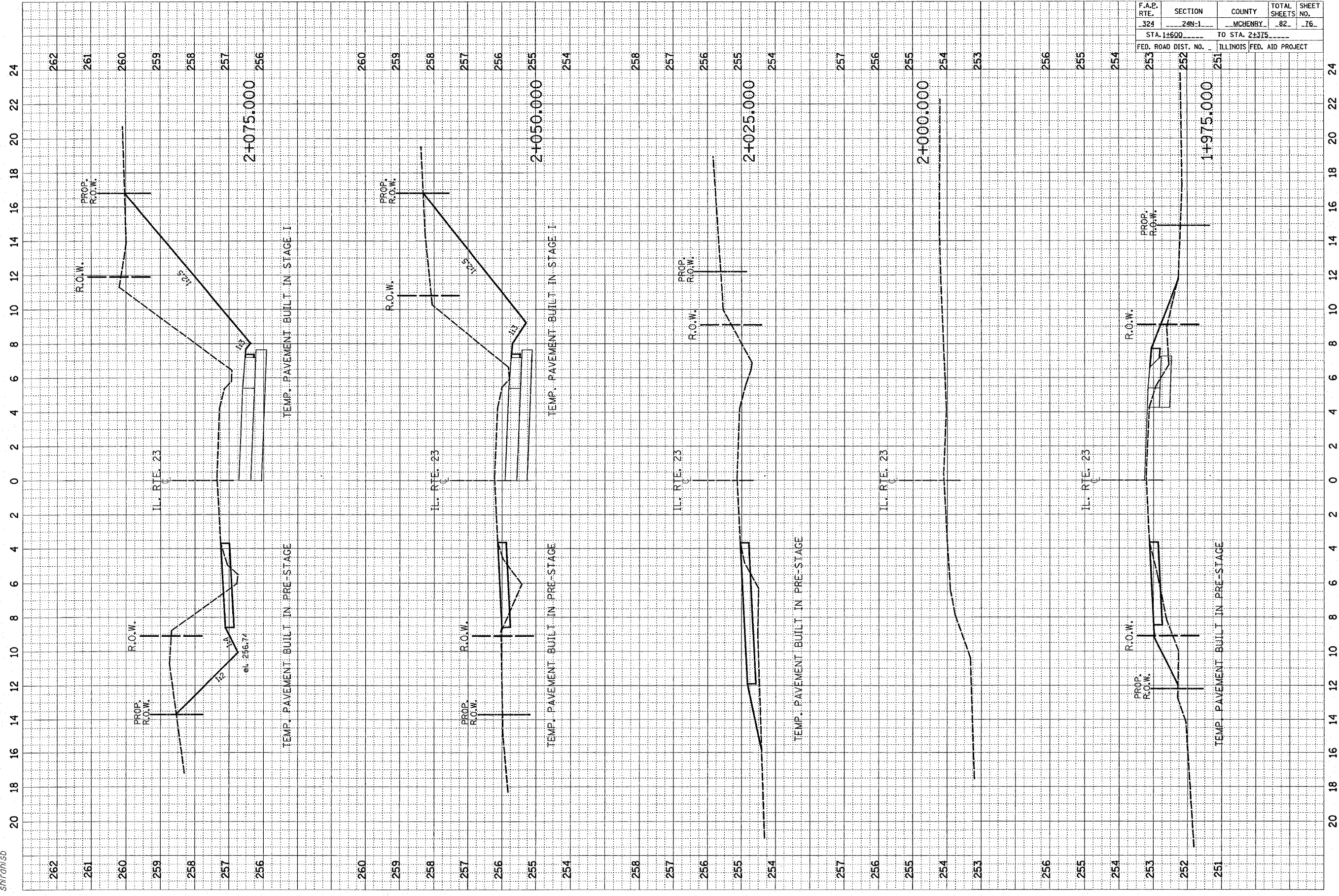


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
254	254	MCHENRY	82	73
A. 1+600		STA. 2+375		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

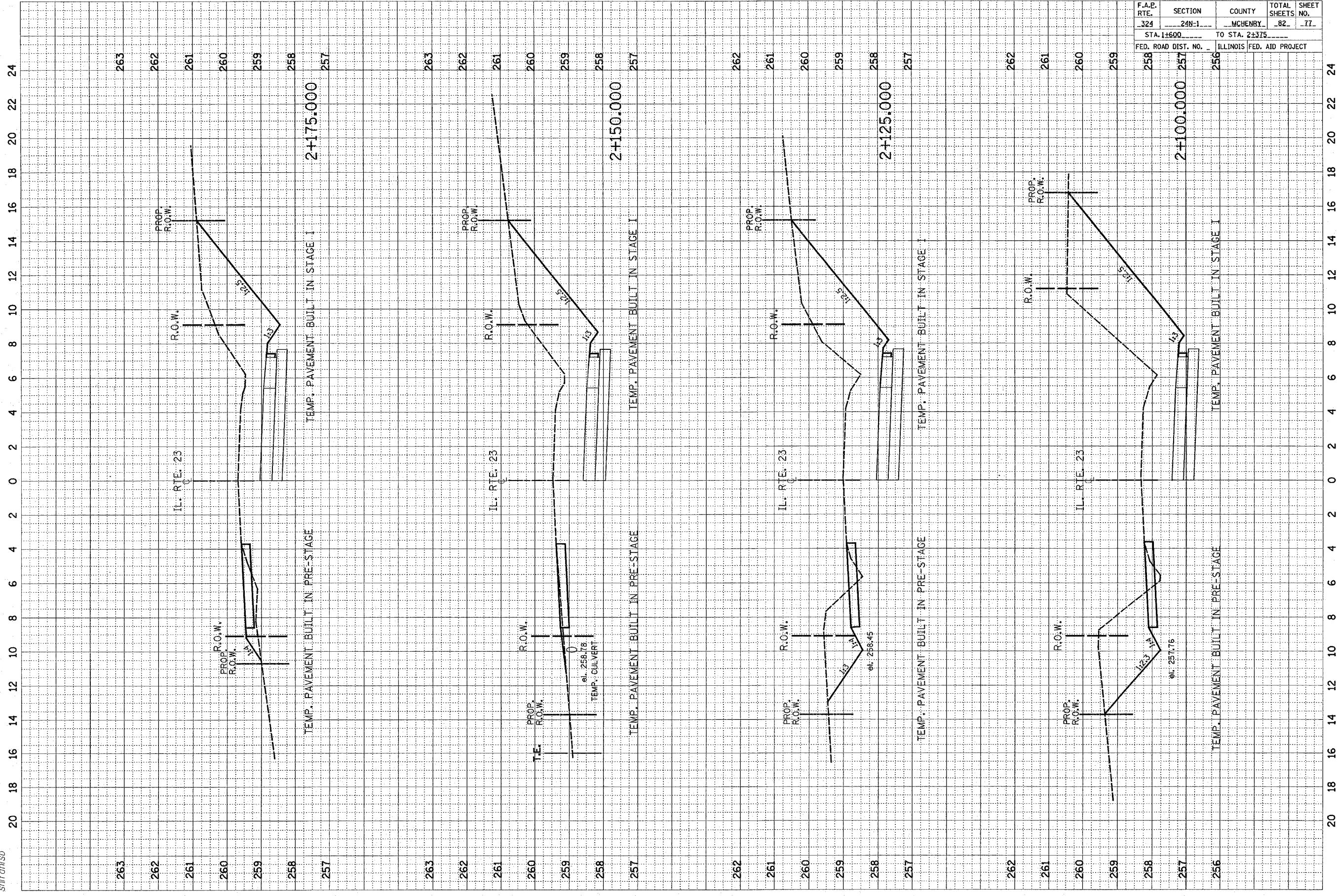




PROP. TEMP. PAVEMENT BUILT IN PRE-STAGE

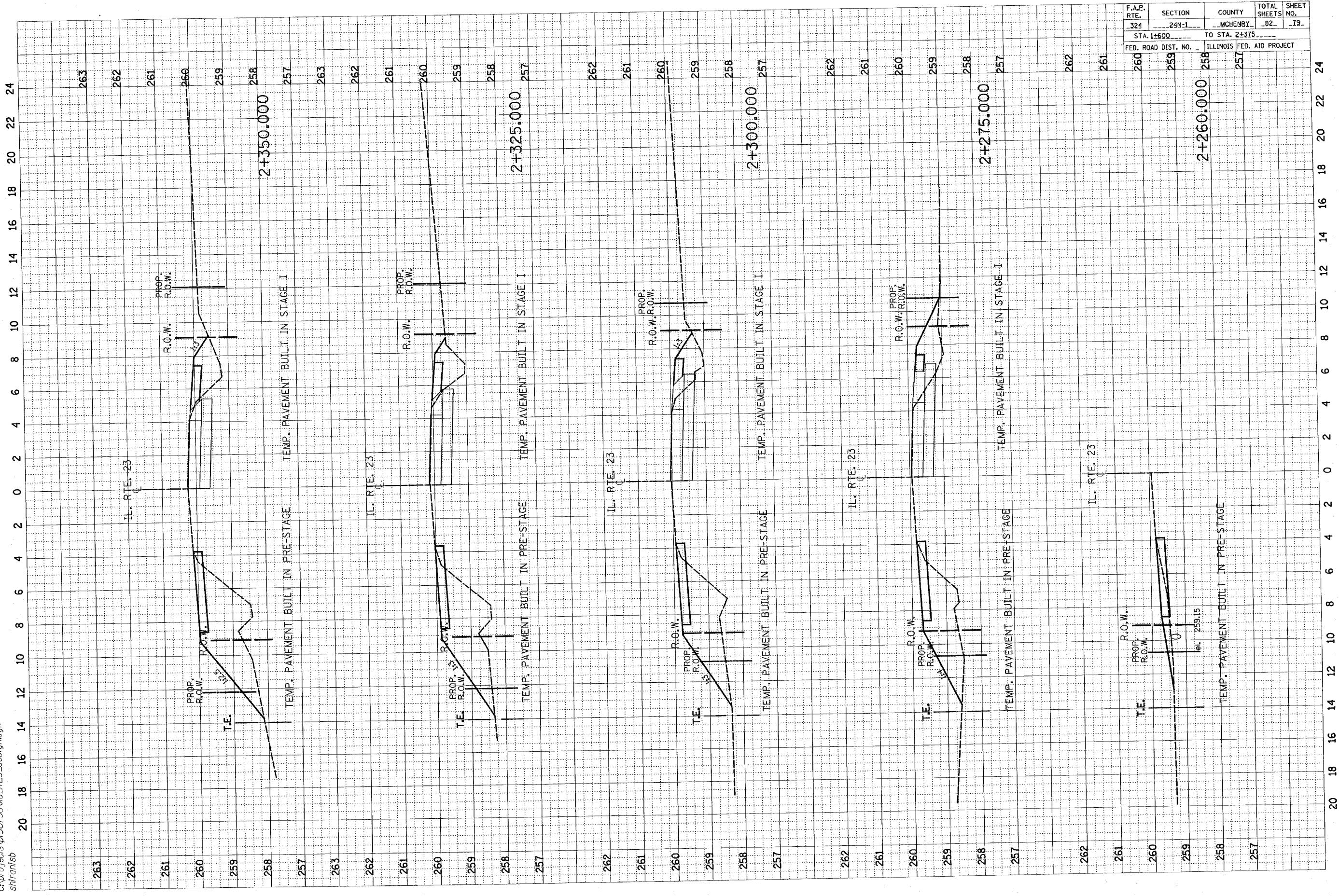


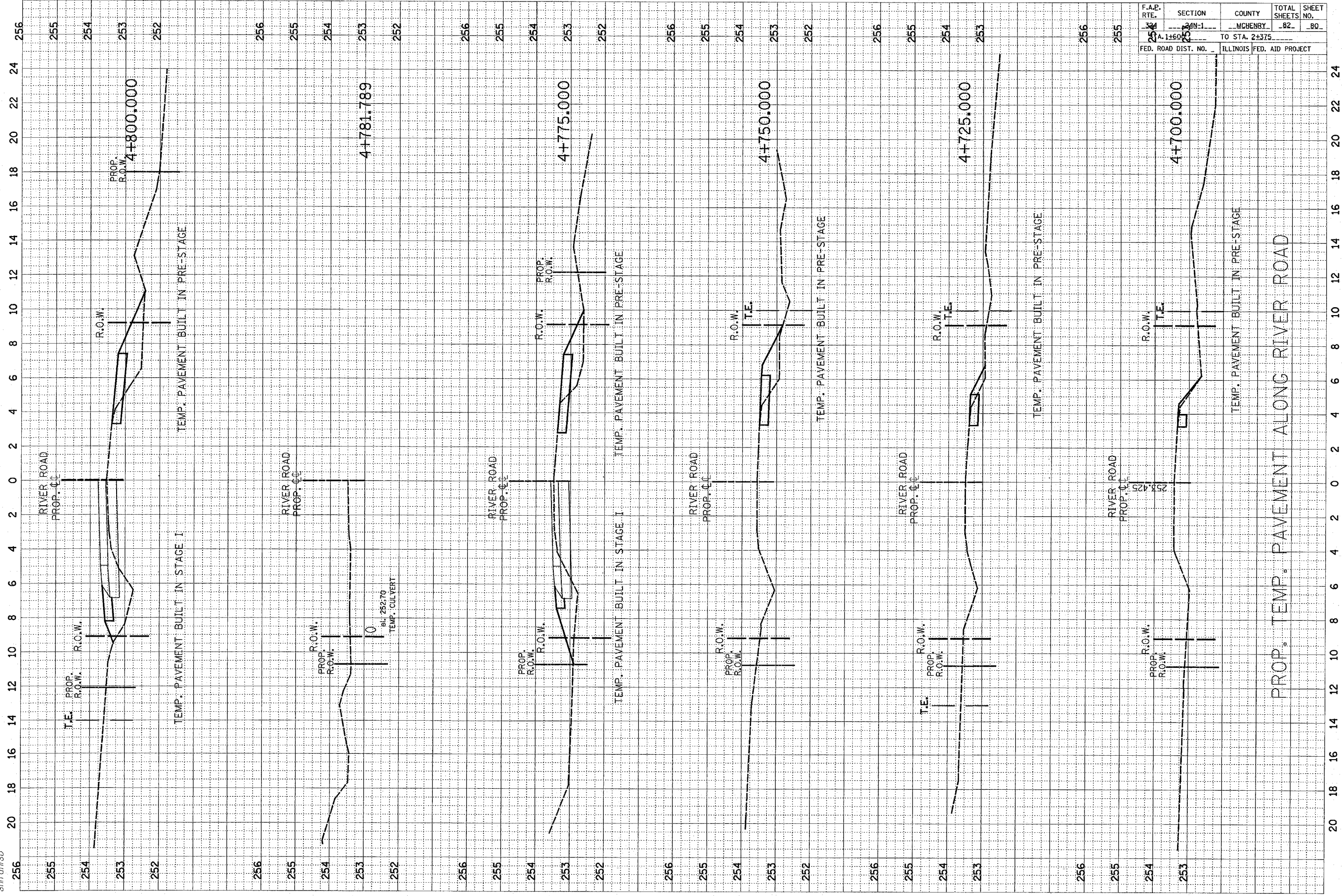
F.A.E. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	MCHENRY	82	76
STA. 1+600		TO STA. 2+375		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		





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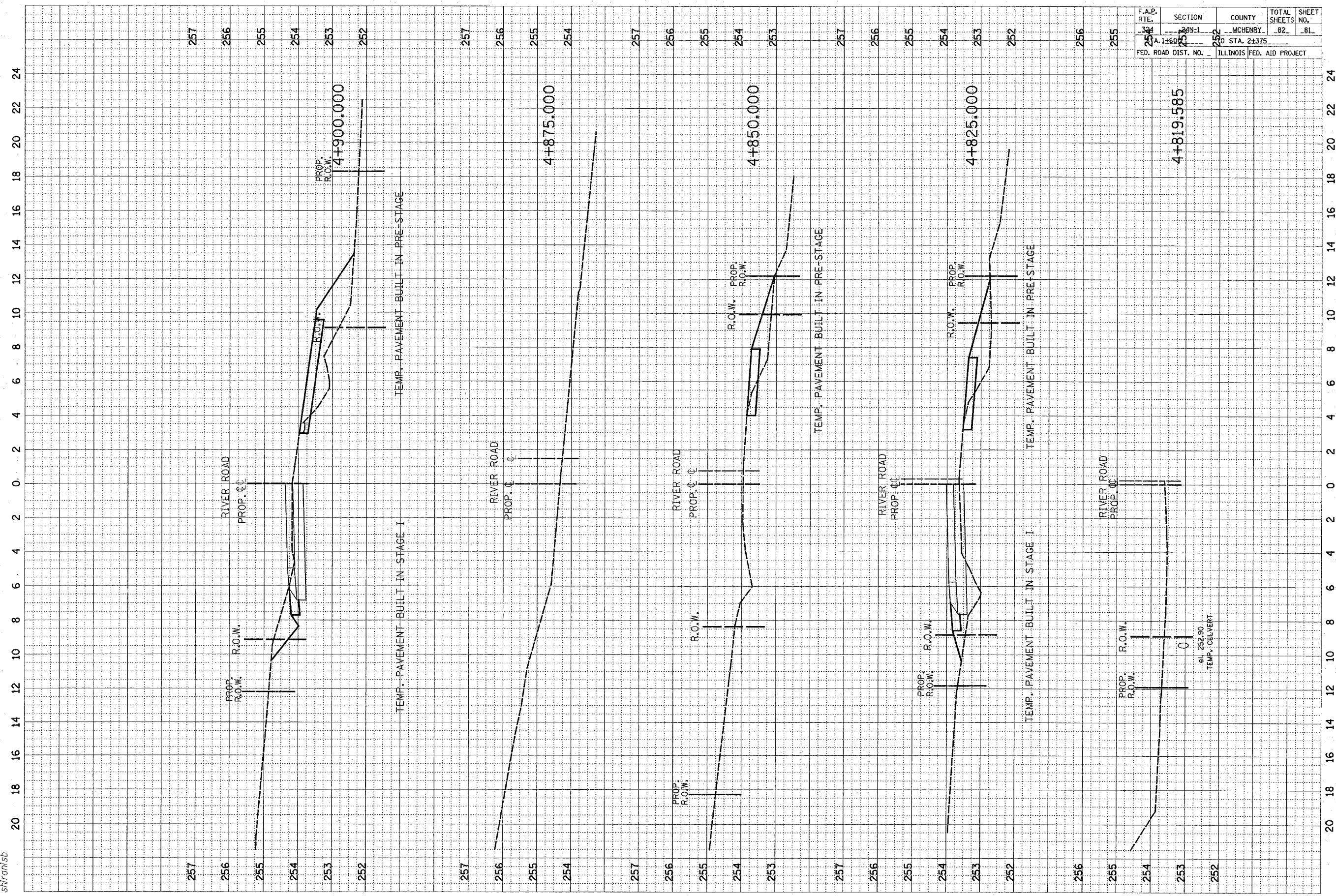


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.	SHEET NO.
253	253-1	MCHENRY	82	80
A. 1+600		TO STA. 2+375		
ILLINOIS		FED. AID PROJECT		

PROP. TEMP. PAVEMENT ALONG RIVER ROAD



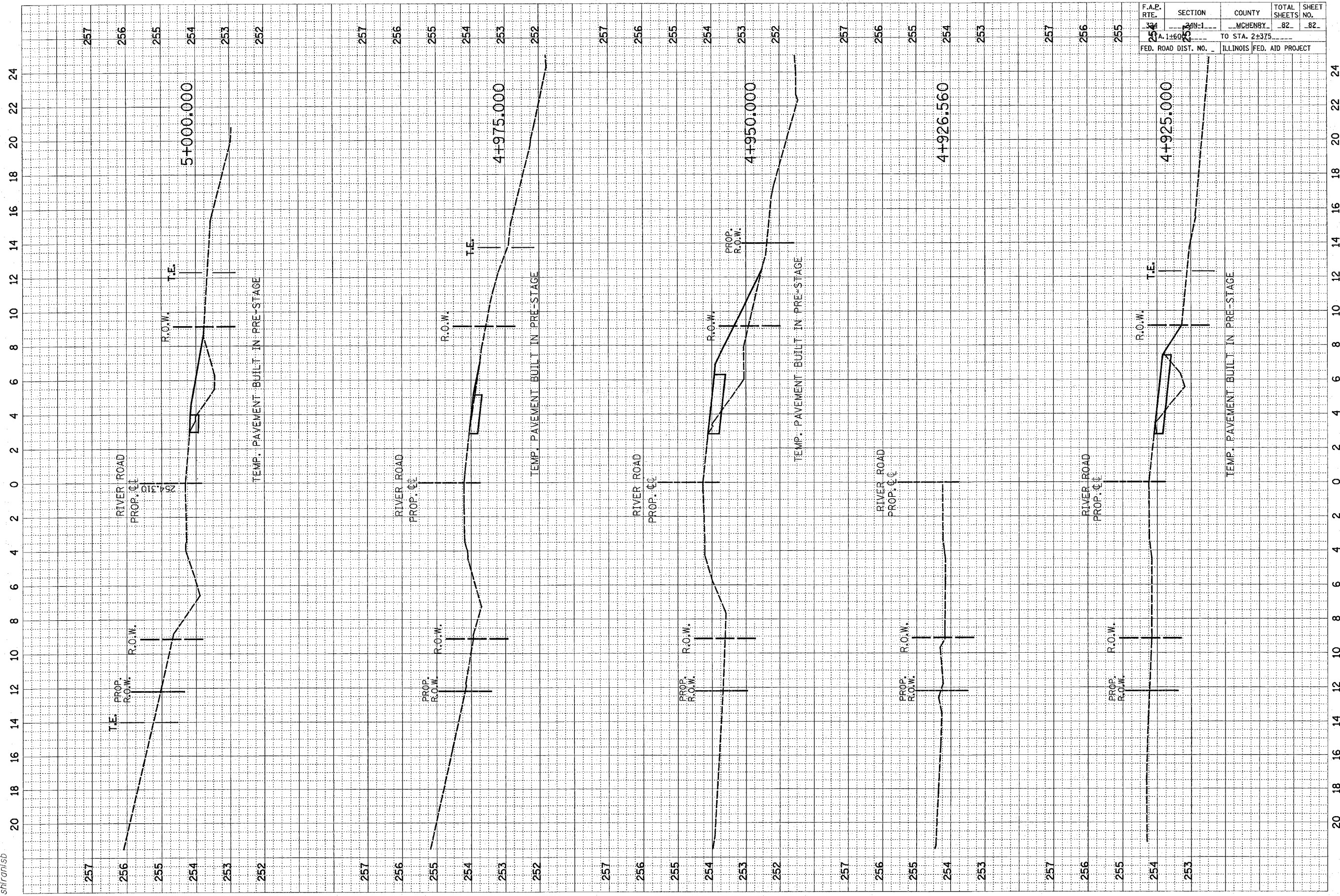
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 shirani.sb



F.A.B. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
254	254-1	MCHENRY	82	81
A. 1+60		STA. 2+375		
FED. ROAD DIST. NO. -		ILLINOIS FED. AID PROJECT		

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 .el. 252.90  
 TEMP. CULVERT

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 shiran/sb



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
254	254-1	MCHENRY	82	82
TO STA. 2+375				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		